



# Seasonally Adjusted Indicators

## Victoria

# 1980



AUSTRALIAN BUREAU OF STATISTICS: VICTORIAN OFFICE

1306.2

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**AUSTRALIAN BUREAU OF STATISTICS: VICTORIAN OFFICE  
MELBOURNE**

**JULY 1981**

**CATALOGUE NO. 1306.2**

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## CONTENTS

	Page
Introduction	v
Interpretation of seasonally adjusted statistics	vi

## TABLES AND GRAPHS

<b>Manufacturing Production -</b>	
Natural gas	1
Clay bricks	2
Cars and station wagons	3
Floor coverings - textile (excluding felts)	4
Butter	5
Cheese	6
Plastics and synthetic resins	7
Footwear	8
<b>Wages and Salaries -</b>	
Average weekly earnings per employed male unit	9
<b>Retail Trade -</b>	
Quarterly retail sales at current prices -	
Food and drink	10
Clothing, hardware, electrical and furniture	11
All other goods (excluding motor vehicles, parts, petrol, etc.)	12
All items (excluding motor vehicles, parts, petrol, etc.)	13
<b>Motor Vehicle Registrations -</b>	
Registrations of new motor vehicles -	
Melbourne Statistical Division -	
Cars and station wagons	14
Other vehicles	15
Total	16
Victoria -	
Cars and station wagons	17
Other vehicles	18
Total	19
<b>Building -</b>	
Building approved -	
Number of -	
New houses approved	20
New dwellings approved	21
Value of total building approved	22
Building commenced -	
Number of -	
New houses commenced	23
New dwellings commenced	24
Building completed -	
Number of -	
New houses completed	25
New dwellings completed	26
Value of total building completed	27

CONTENTS - continued  
TABLES AND GRAPHS - continued

Page

## Building - continued

## Building under construction -

## Number of -

New houses under construction

28

New dwellings under construction

29

Value of total building under construction

30

Value of work done on total building

31

## Banking -

## Savings banks -

Depositors' balances

32

## Major trading banks -

Current deposits

33

Fixed deposits

34

Total deposits

35

## Housing Finance -

Housing finance for owner occupation, loans approved to individuals for construction or purchase of dwellings -

Construction of dwellings and purchase of new and established dwellings -

Number of dwellings for which loans have been approved by savings banks

36

Value of loans approved by savings banks

37

## APPENDIXES

A Explanatory notes

39

B Methods of adjustment employed

43

C Measures of variability

47

## GENERAL NOTES

- (1) All seasonally adjusted figures and most original figures are subject to revision.
- (2) All figures relate to Victoria as a whole unless otherwise stated.
- (3) All values are in Australian dollars.
- (4) The symbol '..' is used to mean 'not applicable'.

## INTRODUCTION

This publication, first issued for 1979, presents in seasonally adjusted form selected statistical indicators of Victorian economic activity. Presentation of series in seasonally adjusted form serves as an aid in interpretation and analysis. The series are shown as originally compiled and as seasonally adjusted, both in tabular and graphical form, covering where possible the past 15 years.

2. Most of the series included in the 1979 edition have been retained. New series are savings banks - depositors' balances, and major trading banks - current, fixed and total deposits. The following series are no longer included: ready-mixed concrete and brown coal briquettes production, all civilian employees series, value of total building commenced, Victoria, and number of both new houses and new dwellings completed, Melbourne Statistical Division.

3. The seasonally adjusted series published by the ABS are calculated by computer methods. The basic seasonal analysis program employed is the X-11 variant of the U.S. Bureau of the Census Method 11 seasonal adjustment program, a brief outline of which may be found in the notes on 'Seasonal Adjustment Methods' in Seasonally Adjusted Indicators, Australia, 1980 (1308.0), which presents in seasonally adjusted form selected statistical indicators of Australian economic activity.

4. In most instances, the aim in compiling monthly or quarterly economic time series is to provide evidence of movement - to indicate the effects changing conditions have on the activity described, and in so doing, signal what might be likely to occur in the near future. Seasonal adjustment is a technique designed to aid these processes of analysis and interpretation.

5. The technique itself is based on the fact that most economic time series exhibit regular or predictable fluctuations associated with the calendar. Such fluctuations may occur for a variety of reasons. They may simply reflect the seasons and related weather conditions, e.g. the production of many rural commodities. On the other hand they may reflect traditional behaviour associated with the calendar and the various social, business and administrative procedures attached to it. The effects of Christmas and the associated holiday season can be identified in most economic time series. Variations in the number and sequence

of days in the month also affect series - these month-ending and 'trading-day' variations can be estimated and removed along with the seasonal.

6. It should be noted that seasonally adjusted figures include short-term fluctuations which are not linked to the calendar in any predictable way. The effects of such spasmodic events as industrial disputes or unusual weather conditions are still present in the adjusted figures, as are statistical errors of measurement such as sampling errors. Moreover most series are subject in varying degrees to erratic ebbs and flows characteristic of the activity being described. The presence of these irregular components in the adjusted series should be borne in mind when interpreting short-term movements in the seasonally adjusted figures. Particular points to be considered when using seasonally adjusted figures are listed in the section on 'Interpretation of Seasonally Adjusted Statistics'.

7. Explanatory notes on the nature of the statistical series included in this publication are given in Appendix A, together with references to publications containing more detailed information.

8. It should be recognised that seasonal adjustment may be carried out by a number of accepted procedures, each of which can be expected to yield results differing in greater or lesser degree from each other. Accordingly, in interpreting particular seasonally adjusted statistics, it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject. Details of the methods of adjustments applied to Victorian series, which are in Appendix B of this publication, together with the explanation given in the notes on 'Seasonal Adjustment Methods' in Seasonally Adjusted Indicators, Australia, 1980 (1308.0), are intended to serve these purposes. To assist further in interpreting particular seasonally adjusted Victorian series, details of selected measures of variability are provided in Appendix C herein.

9. Current original and seasonally adjusted figures for most of the series included in this publication are published as they become available in the Monthly Summary of Statistics - Victoria (1303.2). Figures for some series are also published in the relevant monthly and quarterly ABS publications.

## INTERPRETATION OF SEASONALLY ADJUSTED STATISTICS

Users of seasonally adjusted statistics should bear the following points in mind:

1. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from statistical series, so that the effects of other influences on the series may be more clearly recognised.
2. In the adjustment of certain statistical series published, adjustments have been made for the effects of some calendar variations, for example: 'trading-day' effects, (for instance having four or five Fridays in a particular month); and the effects of movable holidays, like Easter and Australia Day. These adjustments have been made where warranted by prior analyses. Since these adjustments materially affect the results, users should particularly note whether or not these calendar adjustments have been made to particular series.
3. Seasonal adjustment does not remove irregular influences which may be present in any particular month or quarter, such as the effect of a major industrial dispute or abnormal weather.
4. Since seasonally adjusted statistics reflect irregular movements as well as trend, they may not be the 'smooth' series the user may expect, and an unexpected upward or downward movement in a seasonally adjusted series does not necessarily denote a change of trend.
5. Seasonally adjusted series can only be used approximately as measures of trend. Interpretation of movements in the series requires careful judgement on the part of the user, which must be based either on accurate knowledge of the influences affecting the series or on the extent to which the adjusted series has shown irregular movements in the past.
6. Some series are subject to large irregular fluctuations and particular care should be exercised in interpreting month-to-month or quarter-to-quarter movements in these series.

7. The methods of seasonal adjustment employed allow for gradual changes in the seasonal pattern, so that current figures are adjusted in accordance with the estimated normal seasonal pattern of the recent past. However, the methods used may not give an adequate adjustment if there should be an abrupt change in seasonal pattern that cannot be quantified or a sudden change in the nature of the series.

8. The methods have required judgement to be used in the choice of certain specifications - though once the specifications have been chosen, the adjustment of the statistics proceeds each month without subjective judgement having to be used. For this reason the adjusted series are always in a sense estimates, and are not definitive statistics in the same sense as the original statistics are.

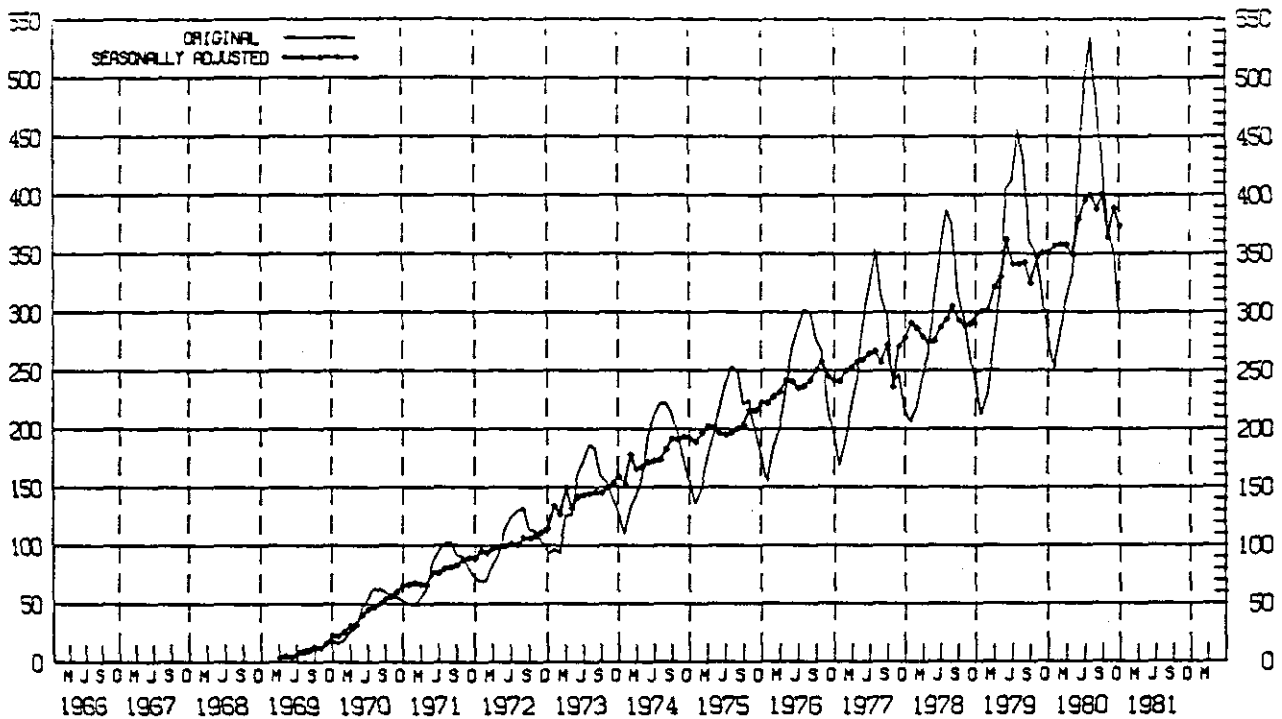
9. Seasonally adjusted statistics will be revised following revisions to the original data and as additional data are brought into the analysis each year.

10. Users should take care when performing arithmetic transformations on two or more seasonally adjusted series. As all seasonally adjusted series contain some degree of estimation error it is possible for these errors to accumulate during the transformation. The original series produced by similar transformations may not, in particular instances, contain significant seasonality.

For these reasons, therefore, it would be neither reasonable nor prudent to regard seasonally adjusted series as in any way 'definitive'. They must be treated with caution as being no more than useful indicators of movements. They can without doubt be a useful aid to critical interpretation, but can in no way be a substitute for it.

NATURAL GAS PRODUCTION  
VICTORIA

MILLION CUBIC METRES



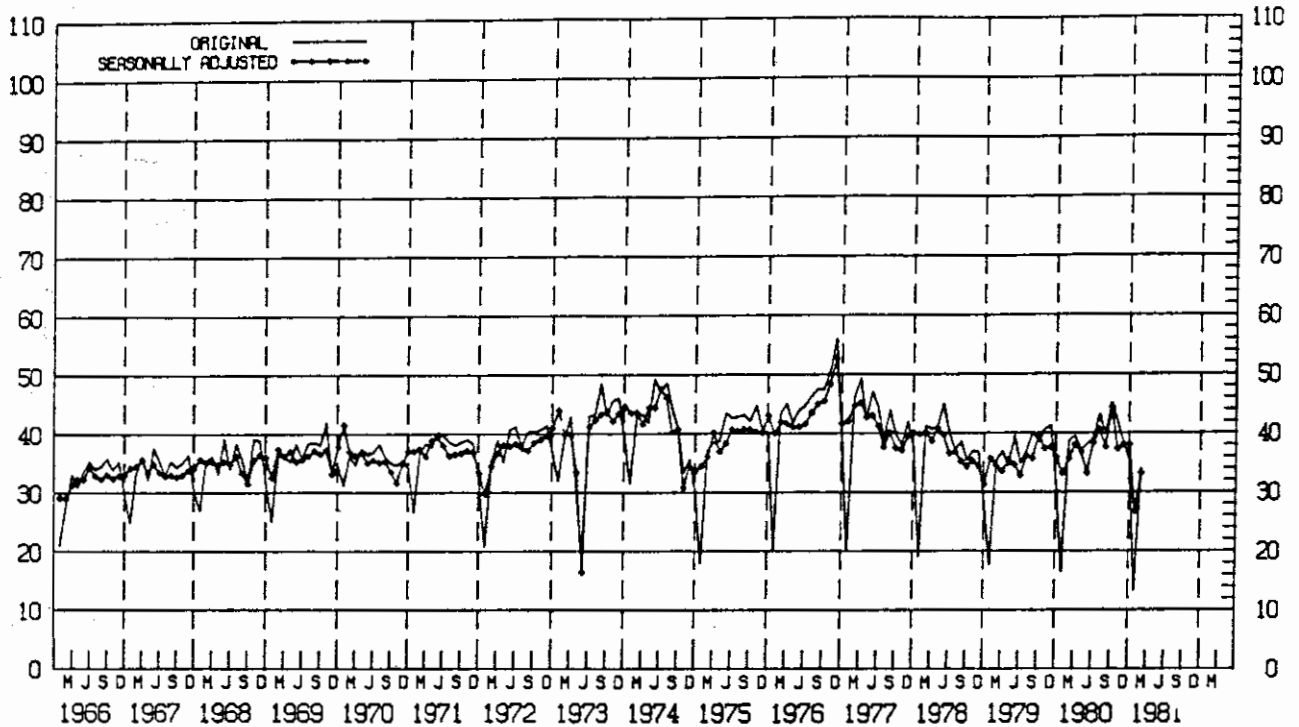
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1969			3	5	4	9	11	12	14	12	15	18
1971	16	19	26	33	46	55	63	62	60	56	55	52
1971	49	49	56	62	86	95	102	102	91	90	90	72
1972	69	70	83	93	113	124	129	132	113	112	102	92
1973	96	93	125	126	150	172	186	182	159	153	139	127
1974	109	132	144	158	196	210	221	221	213	196	174	156
1975	135	144	175	194	215	238	253	249	220	224	197	177
1975	153	183	200	231	264	286	302	299	277	266	218	193
1977	165	189	219	243	292	323	353	314	298	239A	246	216
1979	205	217	244	262	306	349	386	374	317	294	263	238
1979	211	229	273	316	404	411	455	425	359	351	315	276
1981	251	293	310	331	416	491	533	481	433	371	353	294

SEASONALLY ADJUSTED												
1969			4	5	4	7	8	10	13	12	15	23
1971	22	26	31	32	40	45	47	50	54	56	60	65
1971	66	58	66	66	76	76	80	81	83	87	89	89
1972	95	93	97	98	99	101	100	106	105	108	111	114
1973	133	126	149	131	141	143	144	145	144	149	143	159
1974	152	177	165	167	171	172	173	182	191	190	193	191
1975	184	196	202	200	195	194	196	200	203	215	215	222
1976	221	227	231	241	240	234	236	241	250	257	244	240
1977	240	249	252	257	259	264	266	256	271	234A	270	277
1978	290	295	275	273	274	276	293	304	292	297	249	298
1979	300	300	320	329	361	340	340	342	324	346	350	350
1981	356	357	357	348	379	395	430	387	400	363	344	373

(A) AFFECTED BY INDUSTRIAL DISPUTE.

CLAY BRICK PRODUCTION  
/ VICTORIA

MILLION



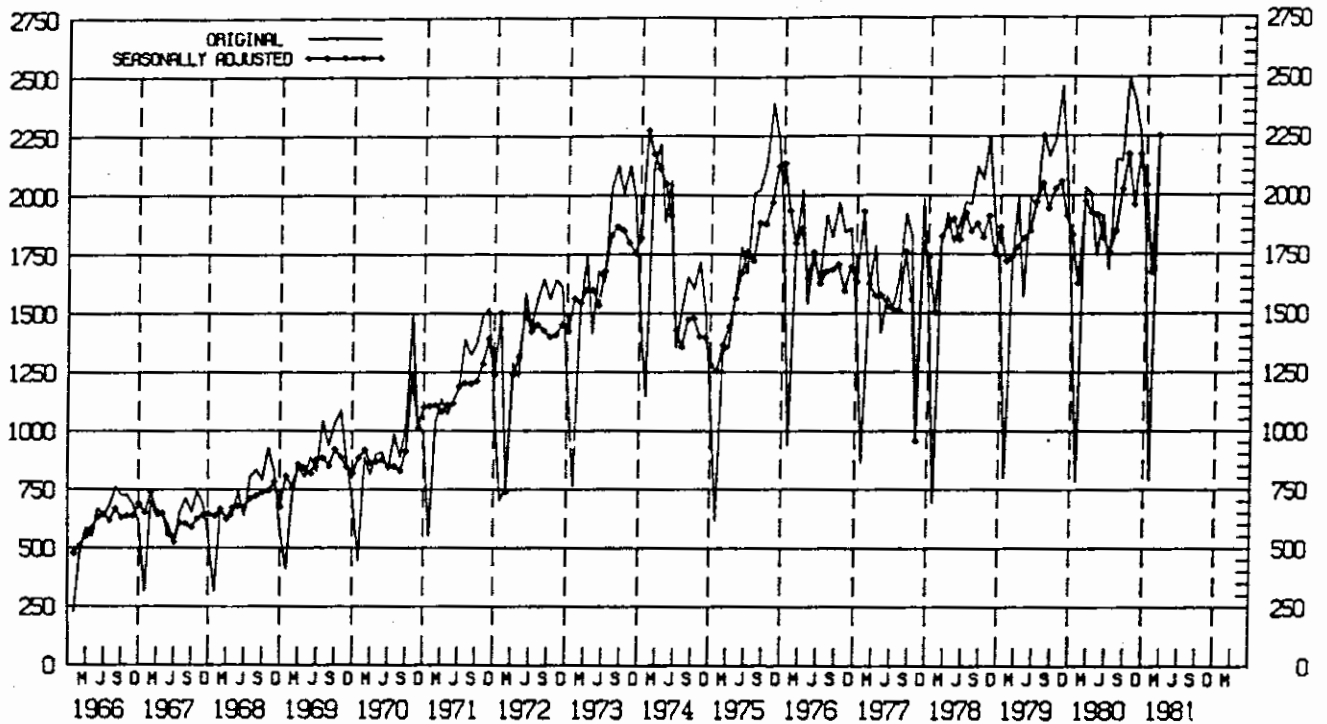
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	20.9	27.9	33.1	30.9	33.5	35.3	34.0	34.5	35.8	33.9	35.3	29.9
1967	24.9	33.3	36.1	32.2	37.6	35.3	32.9	35.3	34.3	35.1	36.4	30.1
1968	26.9	35.5	36.1	33.1	39.2	34.0	38.3	35.8	31.9	39.1	38.8	31.6
1969	25.1	36.3	36.2	35.2	38.2	35.8	38.4	38.5	39.1	41.9	33.1	34.5
1970	31.2	36.2	34.7	37.4	36.5	36.9	38.2	36.0	35.0	34.6	35.5	34.1
1971	26.6	36.8	38.3	37.7	40.2	33.7	38.6	38.0	38.6	39.0	35.3	31.7
1972	24.7	35.3	38.9	35.1	46.7	41.2	37.7	40.4	40.2	40.7	41.6	36.9
1973	32.0	39.4	42.8	30.6	17.7A	43.0	43.2	48.5	43.1	45.6	46.0	39.3
1974	31.5	43.2	43.2	41.9	49.3	46.9	48.7	44.2	41.0	33.4	35.6	30.1
1975	18.0	37.2	34.5	38.8	43.5	42.6	42.9	43.2	42.1	44.8	40.5	40.1
1976	23.3	43.4	45.1	41.8	44.0	44.7	46.4	47.5	47.5	50.8	55.1	39.9
1977	20.0	46.0	49.3	42.5	47.0	44.5	38.9	44.0	39.8	38.1	42.0	37.6
1978	19.1	41.3	40.7	41.2	45.0	40.1	37.1	38.6	35.4	37.0	35.8	28.2
1979	17.7	35.3	36.9	34.4	39.5	34.9	37.0	40.1	38.5	40.7	41.3	31.7
1980	16.5	35.8	39.5	37.1	38.1	39.2	43.2	39.8	45.1	41.8	38.5	35.4
1981	13.3	33.9										
SEASONALLY ADJUSTED												
1966	29.2	29.0	31.3	32.3	32.3	34.3	32.9	32.3	33.1	32.4	32.9	33.0
1967	34.2	34.5	35.6	33.4	34.9	33.4	32.7	33.0	32.6	33.0	33.3	34.3
1968	35.7	35.1	35.3	34.7	35.3	34.8	36.2	33.3	31.5	35.5	36.4	36.0
1969	32.5	37.3	34.1	37.0	35.2	35.6	36.2	37.1	36.5	37.3	33.1	37.8
1970	41.5	36.9	36.2	36.8	35.0	35.5	35.1	35.3	33.5	31.6	34.9	37.0
1971	37.0	37.4	36.1	38.8	39.4	33.0	36.2	36.5	36.7	37.1	36.4	33.4
1972	29.7	34.5	36.7	38.1	37.9	38.3	37.5	37.1	38.5	39.0	39.6	41.0
1973	44.0	39.8	39.8	33.5	16.4A	41.1	42.3	43.3	43.8	42.1	43.4	44.6
1974	43.5	43.6	41.6	44.4	44.4	47.5	46.1	40.2	40.8	30.8	34.5	33.5
1975	34.5	36.1	40.2	36.9	38.3	40.7	40.4	40.8	43.7	40.3	40.1	43.1
1976	40.0	42.0	41.7	41.1	41.1	41.6	43.5	45.0	45.5	48.4	52.7	41.7
1977	42.1	44.7	45.2	42.7	43.1	41.2	37.7	40.2	37.5	37.1	39.5	40.1
1978	39.8	40.2	38.7	40.9	39.7	36.6	36.8	35.2	34.3	35.3	34.3	31.3
1979	35.7	34.4	33.5	35.4	34.6	32.3	36.2	35.7	39.7	37.4	37.6	35.3
1980	33.2	35.7	38.0	36.8	33.2	34.3	40.6	37.6	44.3	37.3	38.0	38.1
1981	26.7	33.2										

(A) AFFECTED BY INDUSTRIAL DISPUTE.

The graph displays monthly precipitation data from 1966 to 1981. The y-axis represents precipitation in millimeters (mm), ranging from 0 to 33. The x-axis shows the months (M, J, S, O) for each year. Two data series are plotted: 'ORIGINAL' (solid line) and 'SEASONALLY ADJUSTED' (line with dots). The original data shows high variability with frequent sharp peaks and troughs, while the seasonally adjusted data is significantly smoother, showing the underlying trend without the monthly noise.

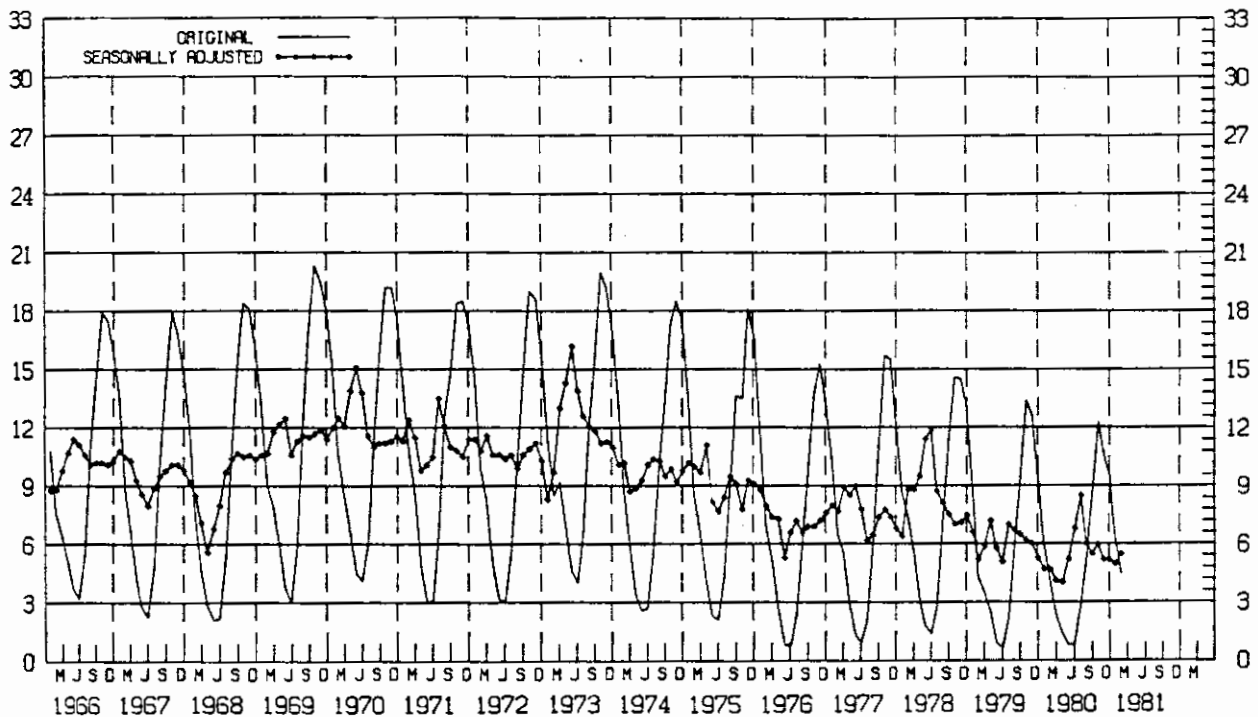
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## 4.

[illegible]

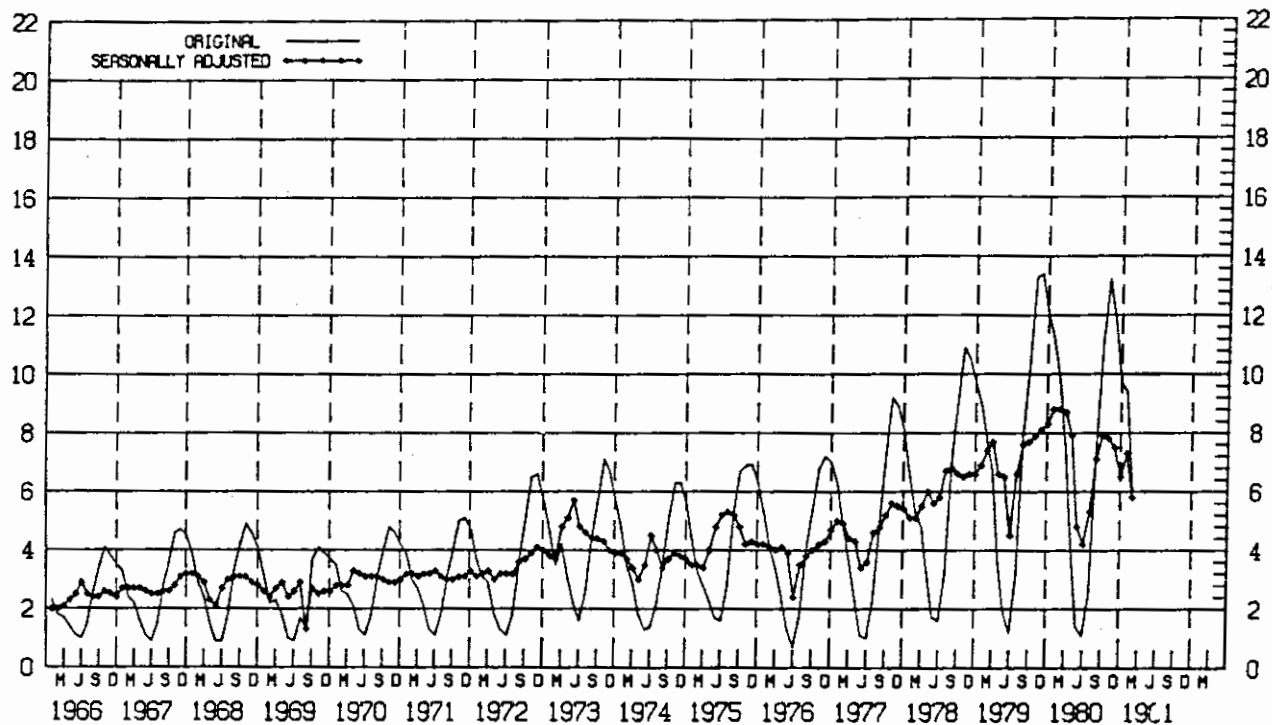
BUTTER PRODUCTION  
VICTORIA

• 200 TONNES

[illegible][illegible]

CHEESE PRODUCTION  
VICTORIA

'000 TONNES

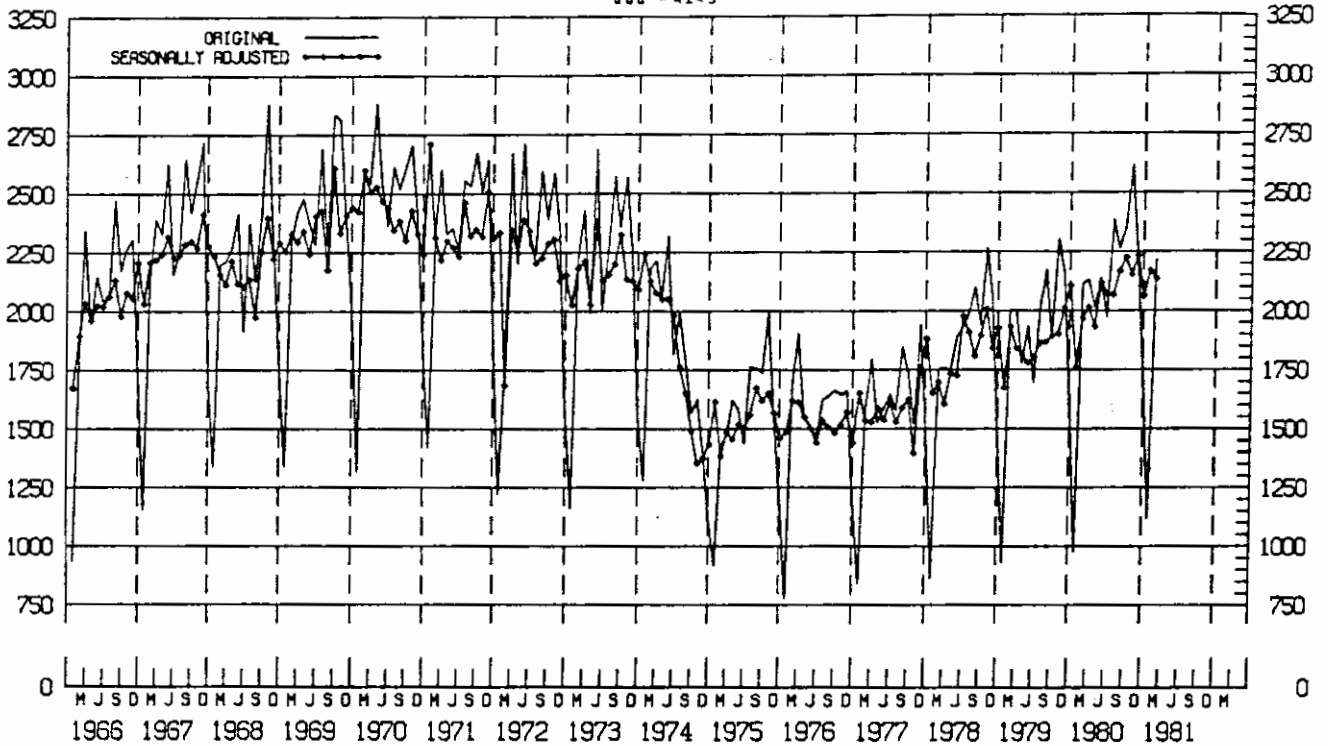
[illegible]

The graph displays two data series: 'ORIGINAL' (solid line) and 'SEASONALLY ADJUSTED' (line with dots). The y-axis represents the number of new orders, ranging from 0 to 55,000 in increments of 5,000. The x-axis represents time, with labels for each month from January 1966 to December 1981. Both series show a strong upward trend over the period, with the original series exhibiting significant seasonal fluctuations. The seasonally adjusted series follows the general trend of the original data but smooths out the seasonal peaks and troughs.

SEASONALLY ADJUSTED[illegible]

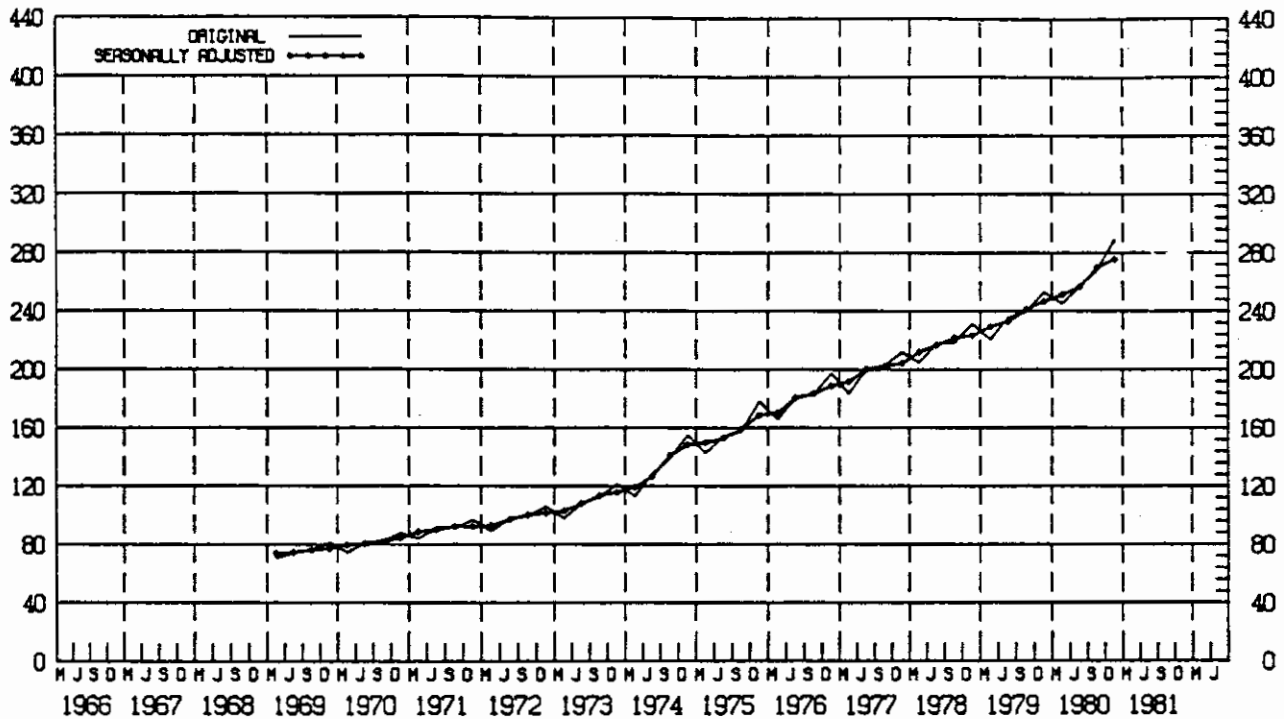
FOOTWEAR PRODUCTION  
VICTORIA

• 000 PAIRS

[illegible][illegible]

AVRAGE WEEKLY EARNINGS PER EMPLOYED WALE UNIT  
VICTORIA

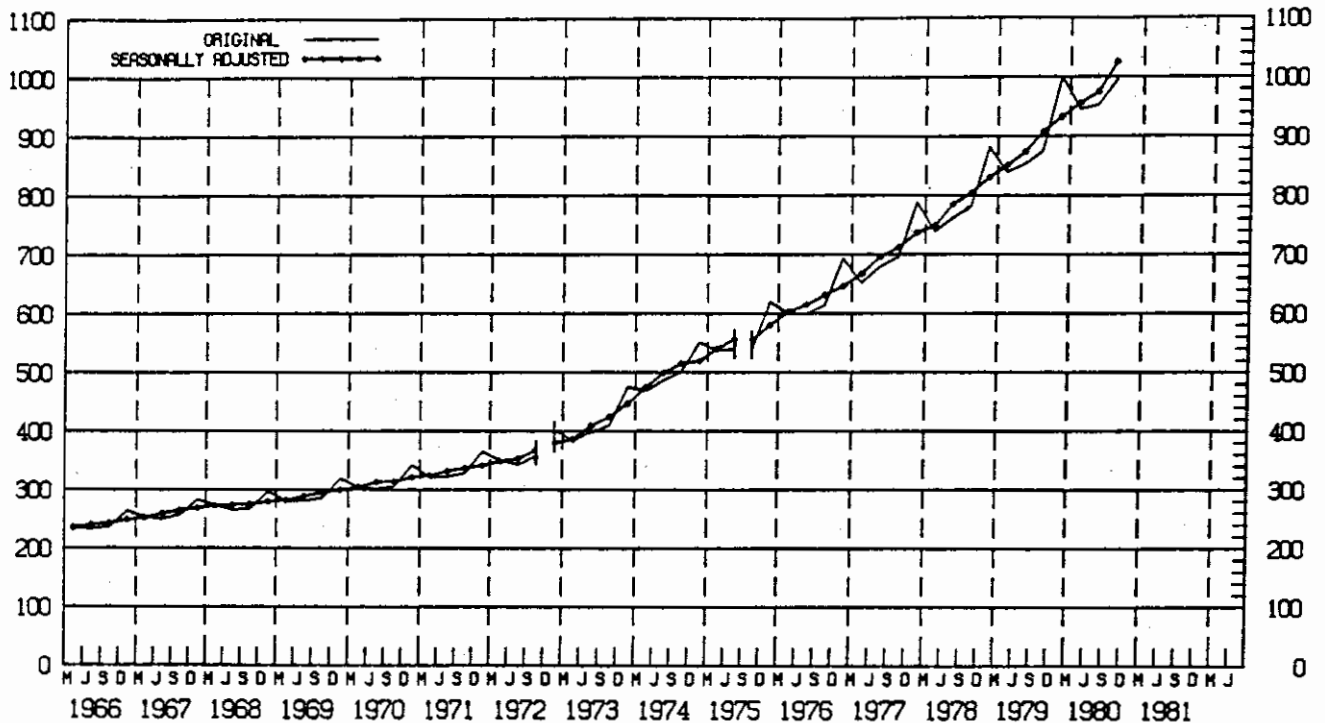
S



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1969	70.50	74.80	76.30	81.10
1970	74.60	81.40	82.50	87.80
1971	83.70	91.58	91.60	96.80
1972	89.10	97.90	99.30	105.90
1973	97.80	108.20	112.80	121.20
1974	112.90	128.30	139.10	155.20
1975	142.80	154.20	157.70	178.00
1976	165.50	188.70	183.00	197.40
1977	183.50	203.40	202.50	211.90
1978	204.80	217.99	218.60	231.38
1979	220.80	235.70	239.70	253.20
1980	245.20	256.90	268.40	288.80

SEASONALLY ADJUSTED				
1969	74.10	74.60	76.20	77.00
1970	79.70	80.60	81.90	84.13
1971	86.50	90.30	92.30	92.20
1972	93.00	97.00	108.10	101.40
1973	103.00	108.20	113.60	115.50
1974	119.20	126.70	141.10	140.50
1975	150.00	153.10	159.30	168.80
1976	170.40	180.90	183.50	188.50
1977	191.70	200.50	202.30	204.30
1978	212.10	216.90	221.90	223.40
1979	229.50	233.10	241.30	246.80
1980	251.40	256.90	270.20	275.60

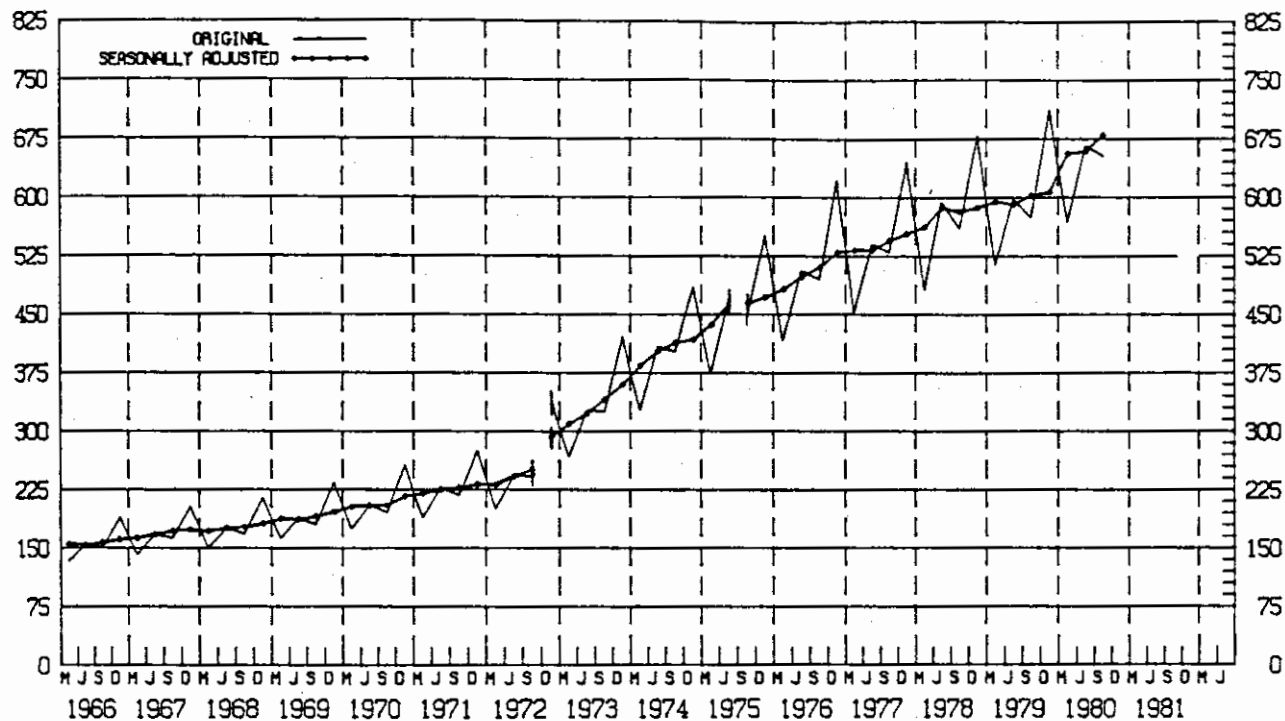
QUARTERLY RETAIL SALES AT CURRENT PRICES  
FOOD AND DRINK  
VICTORIA  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	233.8	232.8	237.0	263.9
1967	252.6	249.8	257.4	282.8
1968	273.8	255.5	267.5	296.7
1969	289.5	288.5	286.1	319.0
1970	303.5	301.5	385.4	342.0
1971	326.4	322.0	328.1	354.8
1972	349.8	342.1	357.7	400.4A
1973	384.4	397.6	409.9	474.7
1974	468.3	485.9	501.1	551.0
1975	537.1	539.2	539.3A	619.4
1976	599.5	599.7	613.8	692.8
1977	651.4	679.4	696.1	787.3
1978	738.5	761.5	782.0	861.7
1979	839.1	853.6	875.2	999.1
1980	944.9	952.5	994.8	
SEASONALLY ADJUSTED				
1966	236.1	241.2	242.7	244.6
1967	252.2	259.5	264.8	267.3
1968	272.4	273.8	275.6	279.4
1969	282.0	289.2	294.9	291.3
1970	304.6	312.8	313.6	321.2
1971	323.8	331.5	337.1	340.9
1972	348.6	353.1	367.5	379.6A
1973	385.7	403.8	424.5	444.4
1974	474.4	499.0	514.8	518.3
1975	540.1	557.3	555.2A	580.5
1976	602.3	614.7	630.8	645.8
1977	666.8	696.2	712.2	736.3
1978	748.7	785.1	804.4	830.4
1979	852.8	873.4	908.1	932.6
1980	956.0	974.4	1025.4	

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES AT CURRENT PRICES  
CLOTHING, HARDWARE, ELECTRICAL, AND FURNITURE  
VICTORIA  
\$ MILLION

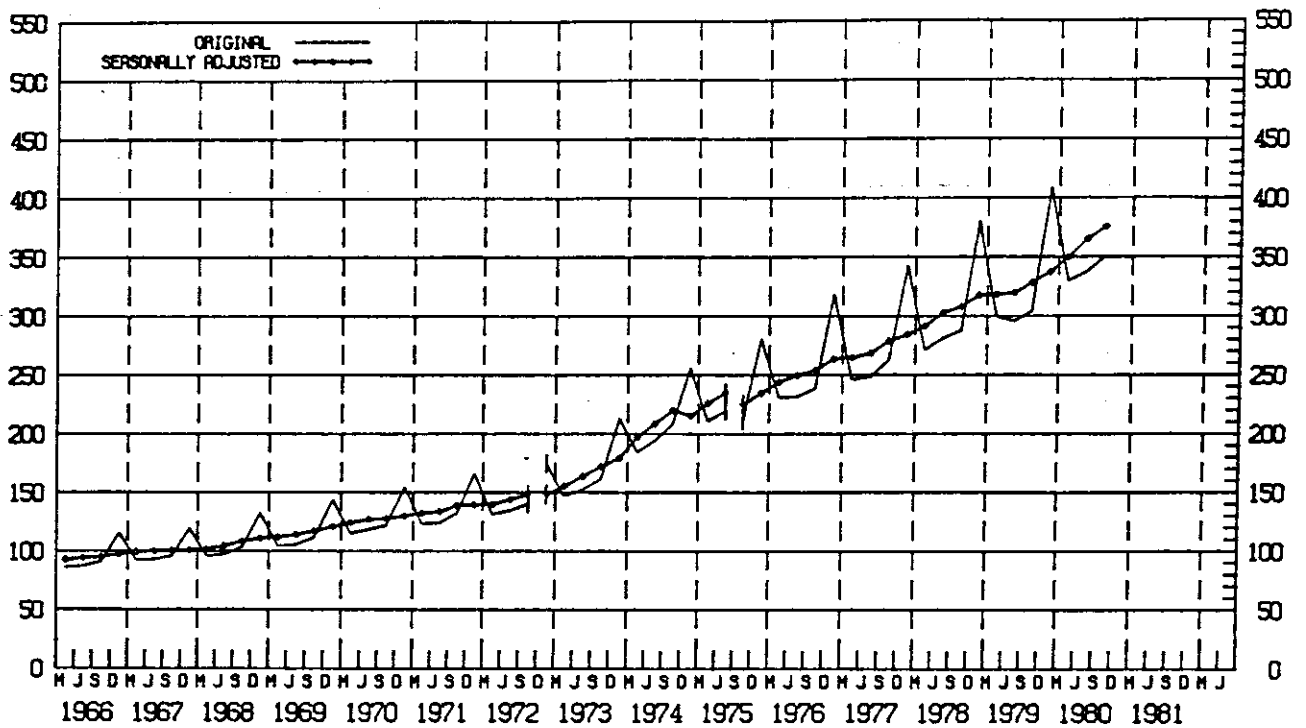


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1965	133.4	154.6	149.8	189.2
1967	140.5	167.7	162.2	202.8
1968	149.3	175.6	167.2	214.3
1969	161.9	187.2	179.8	233.5
1971	174.0	225.3	194.7	256.5
1971	188.8	226.7	217.1	274.9
1972	260.0	244.5	240.4	339.4
1973	266.7	325.2	325.2	421.3
1974	326.1	468.0	401.5	484.9
1975	373.1	470.4	447.7A	551.0
1976	416.4	505.6	494.8	621.9
1977	452.4	539.8	529.4	645.4
1978	481.3	594.1	560.2	678.7
1979	514.1	597.4	574.3	711.8
1980	567.8	665.9	652.9	

SEASONALLY ADJUSTED				
1965	155.3	153.8	156.6	160.4
1967	162.5	167.0	171.2	172.7
1968	170.9	175.3	176.1	180.9
1969	187.2	186.4	190.4	196.2
1971	202.8	224.1	204.5	216.4
1971	220.1	225.0	227.3	231.9
1972	230.9	242.0	250.9	292.2
1973	309.1	322.1	340.6	359.1
1974	383.9	402.5	413.3	417.2
1975	436.4	463.5	463.8A	471.7
1976	482.4	498.9	511.0	530.3
1977	532.8	532.9	545.2	553.7
1978	562.1	585.9	581.8	586.7
1979	594.5	597.6	601.8	606.5
1980	655.5	655.5	679.5	

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

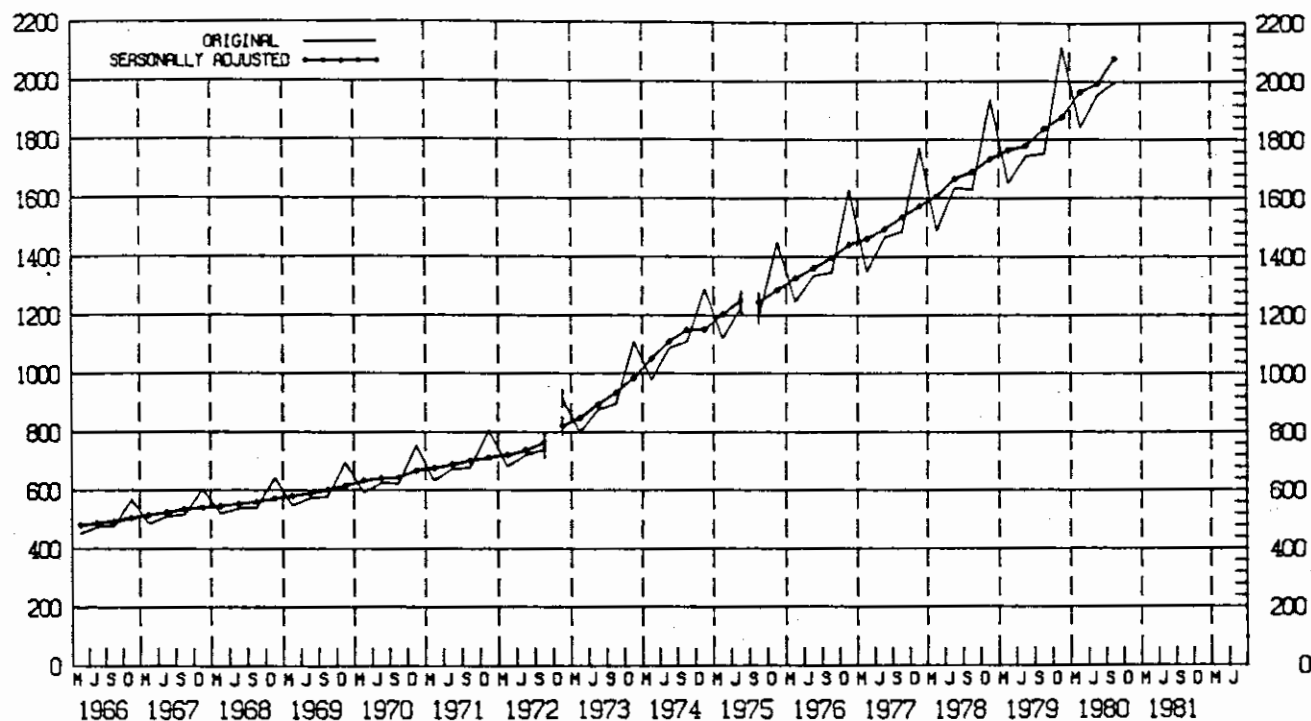
QUARTERLY RETAIL SALES AT CURRENT PRICES  
ALL OTHER GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
VICTORIA  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	86.0	87.3	91.0	115.3
1967	92.2	93.1	96.0	118.3
1968	95.9	95.9	103.4	131.9
1969	104.6	105.5	111.7	143.6
1970	114.9	115.4	121.9	154.2
1971	123.3	124.1	132.3	166.1
1972	131.5	134.4	140.5	174.44
1973	146.7	152.8	161.8	212.8
1974	184.4	194.1	208.2	255.4
1975	211.0	219.3	211.5A	280.8
1976	231.1	231.5	238.5	318.1
1977	246.1	249.4	262.8	342.4
1978	271.2	281.2	287.8	379.9
1979	299.4	295.4	304.5	408.4
1980	338.1	337.7	350.6	
SEASONALLY ADJUSTED				
1966	93.0	93.9	94.9	97.2
1967	99.5	99.9	100.7	100.8
1968	101.8	104.6	105.3	111.1
1969	112.1	113.9	117.3	120.7
1970	124.2	127.1	127.5	130.1
1971	132.3	133.5	139.0	139.4
1972	139.7	144.1	147.9	148.6A
1973	155.5	164.1	172.2	179.2
1974	197.3	208.6	220.1	215.1
1975	226.0	234.9	225.1A	234.6
1976	244.0	249.8	254.3	263.5
1977	264.7	268.4	279.1	284.3
1978	291.6	302.4	308.0	317.4
1979	318.2	319.6	323.6	337.5
1980	350.2	365.3	375.7	

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES AT CURRENT PRICES  
ALL ITEMS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
VICTORIA  
\$ MILLION

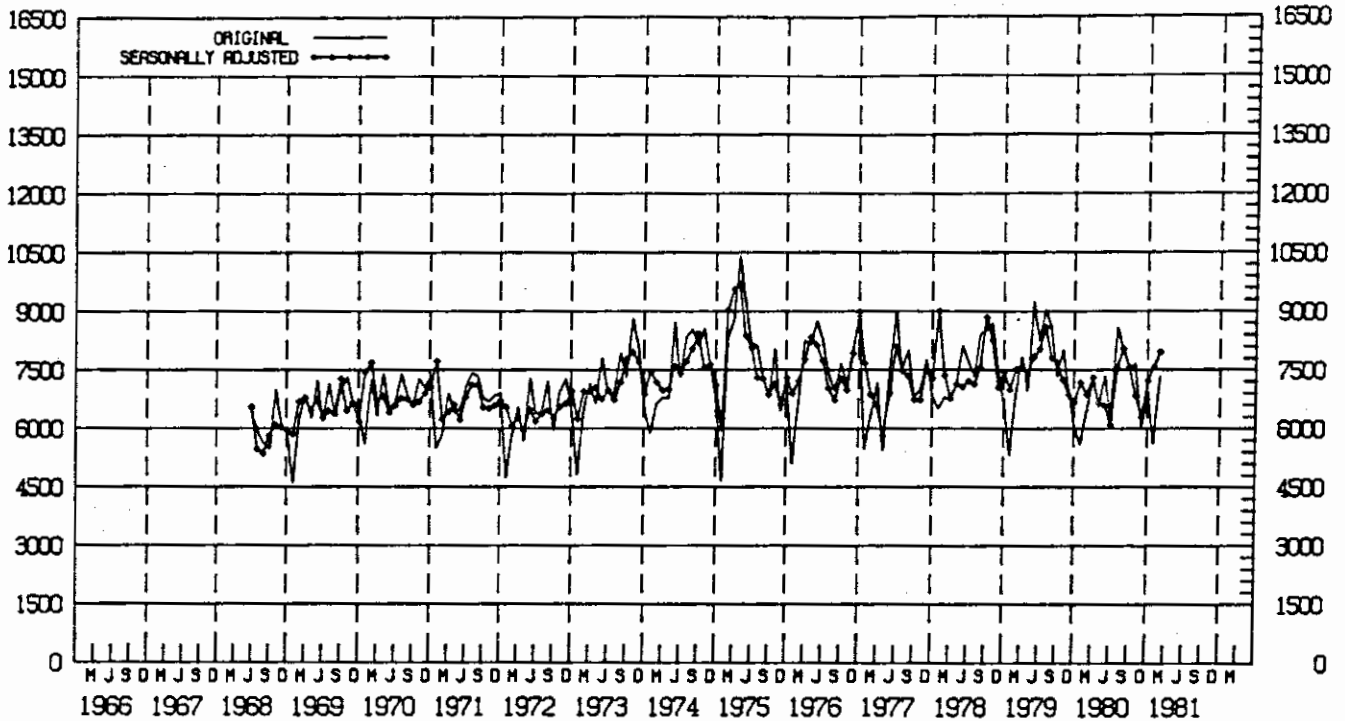


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	453.2	474.7	477.8	568.4
1967	485.3	510.6	515.6	604.5
1968	519.0	531.0	538.1	642.9
1969	547.0	573.2	577.6	696.1
1970	592.4	625.2	622.0	752.7
1971	632.5	672.8	677.5	805.8
1972	681.3	721.0	738.6	914.24
1973	797.8	875.6	896.9	1108.8
1974	973.8	1055.0	1110.8	1291.3
1975	1121.2	1228.9	1198.5A	1451.2
1976	1247.0	1336.8	1347.1	1532.8
1977	1349.9	1467.6	1488.3	1775.1
1978	1491.0	1635.8	1630.0	1940.3
1979	1652.6	1746.4	1754.0	2119.2
1980	1842.8	1956.1	1998.3	
SEASONALLY ADJUSTED				
1966	484.4	487.6	494.2	505.9
1967	516.3	525.0	535.9	541.1
1968	545.8	553.4	559.8	571.9
1969	581.3	589.4	601.7	616.7
1970	633.6	642.1	644.5	658.6
1971	676.5	689.6	702.7	712.9
1972	721.9	737.8	765.3	820.74
1973	849.0	895.1	937.1	986.2
1974	1053.3	1109.7	1149.6	1191.5
1975	1204.4	1252.3	1245.14	1287.3
1976	1328.3	1362.2	1397.1	1442.7
1977	1462.6	1495.5	1537.2	1574.3
1978	1607.4	1655.3	1692.4	1736.2
1979	1765.9	1779.5	1837.9	1978.3
1980	1963.9	1992.7	2080.6	

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

REGISTRATIONS OF NEW MOTOR VEHICLES - CARS AND STATION WAGONS  
WELBOURNE STATISTICAL DIVISION

NUMBER

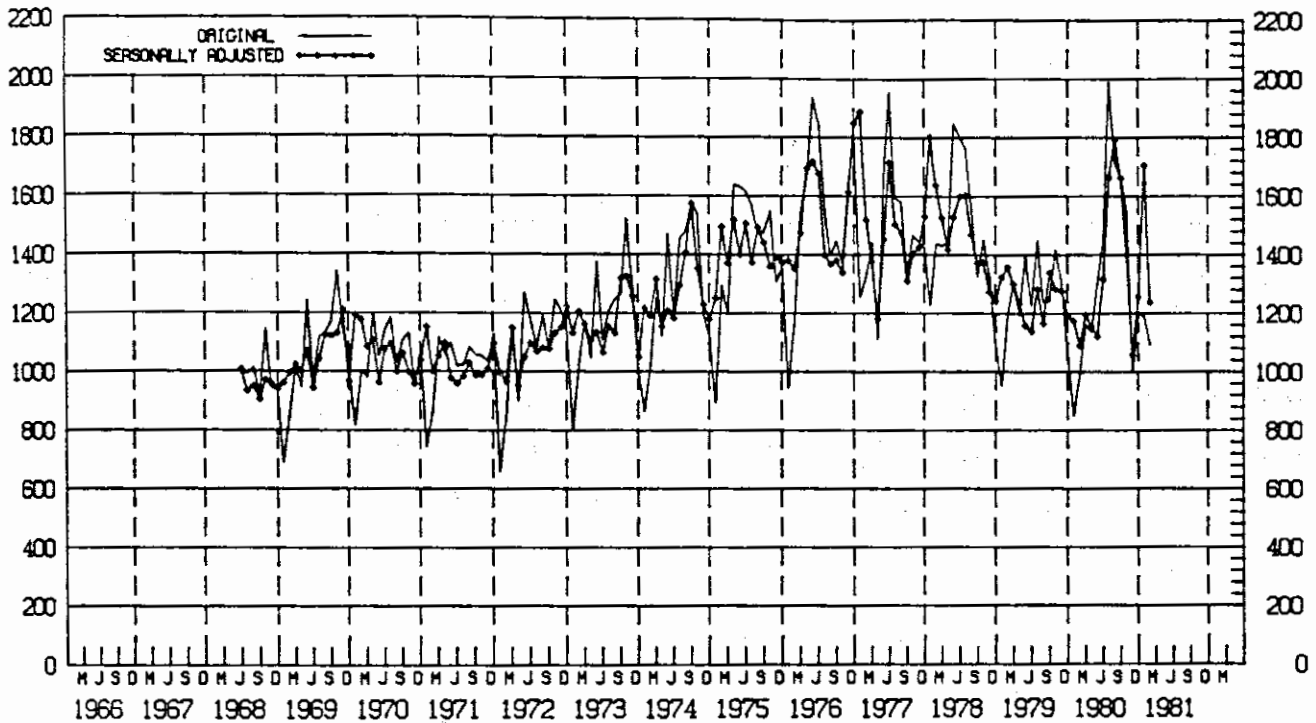


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						6324	5919	5663	5480	6977	6111	5835
1969	4608	6294	6426	6275	7222	6192	7137	6338	7042	7303	6641	6338
1970	5606	7237	6319	7400	6534	6662	7392	6858	6594	7264	7832	7374
1971	5493	5848	6893	6388	6495	7169	7420	7334	6755	6694	6844	6897
1972	4731	5457	6539	5679	7275	6376	6418	7191	5953	6922	7271	6474
1973	4315	6473	7158	6640	7802	6918	6879	7926	7313	8816	8074	6489
1974	5878	6637	6784	6774	8729	7323	8355	8936	8112	8558	7512	6732
1975	4666	8351	8759	10393	9263	8189	8180	7313	6793	8832	6453	7168
1976	5091	6731	8251	8162	8743	8275	7405	6967	7649	7138	8013	8841
1977	5478	6339	7156	5436	7539	8969	7505	7993	6805	6999	7753	6820
1978	6506	6793	6725	7143	8116	7711	7338	8415	8529	8684	7463	6599
1979	5321	6921	7822	6976	9224	8241	9034	8590	7334	8013	6947	6022
1980	5598	6443	7297	6572	7346	6309	8579	8033	7427	7658	6022	6934
1981	5613	7329										
SEASONALLY ADJUSTED												
1966						6547	5459	5355	5907	6088	6026	5947
1969	5842	6582	6753	6464	6736	6275	6447	6371	7271	6441	6644	6167
1970	7437	7657	6712	6828	6404	6593	6774	6746	6601	6686	5899	7067
1971	7714	6222	6431	6609	6208	6401	7118	7112	6532	6511	6549	6715
1972	6543	6062	6275	5939	6477	5181	6373	6457	6277	6553	6634	6959
1973	6241	6956	6940	7034	6751	6974	6730	7179	7777	7951	7698	6885
1974	7461	7157	6972	7607	7595	7411	7719	8040	8431	7555	7551	7117
1975	6009	9034	9556	9707	8368	8260	7300	7274	6467	7142	6919	7304
1976	6888	7217	7772	8329	3131	7731	7118	6728	7277	6985	7324	8982
1977	7671	6358	6585	5807	6900	8091	7470	7337	6729	6729	7585	7283
1978	8598	7357	6756	7133	7054	7216	7124	7551	8435	8250	7145	7445
1979	6989	7518	7575	7377	7428	8040	8595	7804	7690	7242	6352	6683
1980	7167	6464	7306	6651	6547	6140	7546	9038	7570	6841	6247	7215
1981	7573	7951										

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

REGISTRATIONS OF NEW MOTOR VEHICLES - OTHER VEHICLES  
MELBOURNE STATISTICAL DIVISION

NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						991	995	1014	918	1145	944	934
1967	696	846	1016	947	1243	975	1118	1132	1170	1342	1142	1006
1971	815	1034	978	1201	1053	1148	1185	1031	1108	1131	944	1073
1971	743	954	1118	1059	1099	1318	1023	1082	1058	1053	1334	1129
1972	658	848	1153	899	1269	1183	1083	1194	1875	1246	1218	1134
1973	823	1033	1172	1047	1376	1107	1203	1247	1264	1522	1249	992
1974	866	1026	1250	1123	1471	1195	1456	1480	1578	1541	1137	1123
1975	894	1295	1194	1639	1631	1515	1568	1471	1477	1548	1398	1357
1976	945	1179	1544	1667	1939	1946	1556	1398	1448	1373	1541	1812
1977	1256	1327	1442	1112	1679	1357	1595	1579	1338	1466	1443	1423
1978	1227	1438	1430	1444	1849	1922	1765	1566	1326	1453	1330	1085
1979	952	1192	1303	1192	1400	1228	1451	1238	1245	1419	1388	1066
1980	849	992	1162	1138	1300	1448	1993	1718	1564	1549	999	1203
1981	1194	1093										

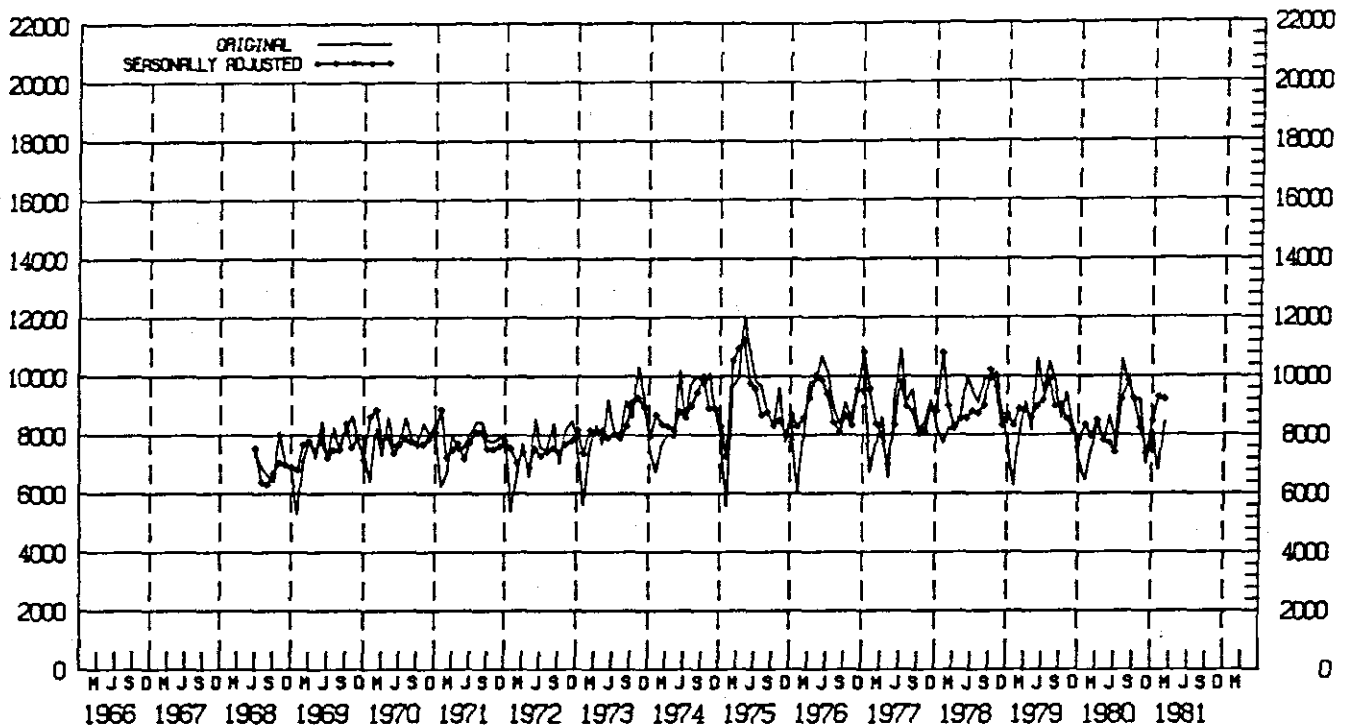
## SEASONALLY ADJUSTED

1968						1009	933	950	905	971	957	941
1969	961	994	1024	1000	1071	944	1043	1125	1121	1132	1211	966
1970	1190	1176	1083	1107	961	1076	1095	998	1062	997	957	1040
1971	1152	999	1053	1098	976	958	984	1029	986	988	1010	1097
1972	996	964	1149	950	1049	1096	1067	1081	1079	1131	1151	1222
1973	1132	1205	1152	1126	1135	1365	1152	1131	1318	1325	1257	1050
1974	1217	1189	1316	1153	1209	1182	1295	1407	1574	1352	1229	1180
1975	1251	1494	1370	1518	1400	1506	1373	1492	1442	1359	1391	1373
1976	1380	1352	1475	1693	1716	1575	1399	1368	1381	1338	1613	1849
1977	1088	1518	1378	1131	1452	1714	1541	1475	1309	1402	1424	1531
1978	1803	1639	1527	1412	1530	1600	1604	1469	1371	1375	1272	1242
1979	1323	1358	1300	1234	1158	1138	1282	1165	1338	1283	1276	1192
1980	1174	1089	1194	1155	1124	1316	1664	1792	1662	1398	1047	1256
1981	1705	1238										

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

REGISTRATIONS OF NEW MOTOR VEHICLES - TOTAL  
MELBOURNE STATISTICAL DIVISION

NUMBER

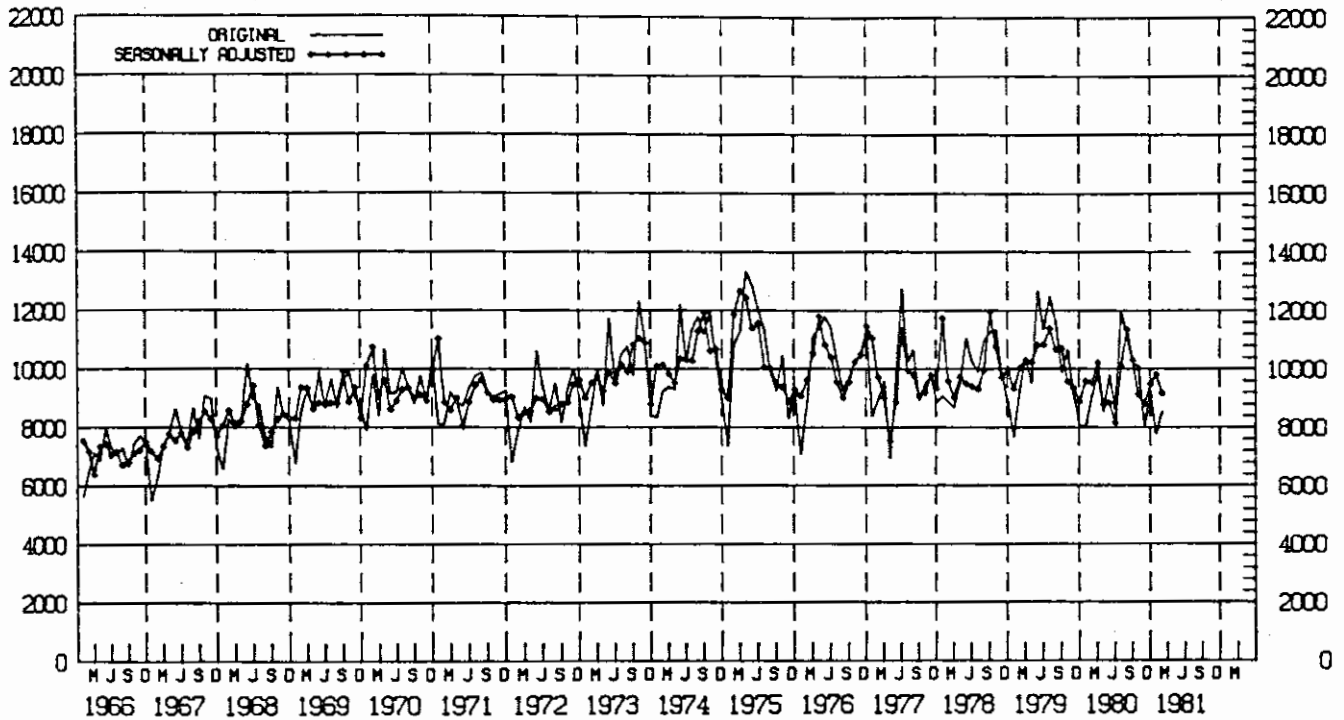


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1968						7315	6914	6617	6398	8122	7155	6769
1969	5298	7140	7442	7222	8465	7167	8255	7470	8212	8645	7813	7344
1970	6421	8241	7297	8601	7587	7582	8577	7589	7782	8395	7986	8447
1971	6236	6706	8011	7447	7594	8887	8443	8416	7813	7747	7878	8026
1972	5389	6705	7692	6578	8544	7559	7501	8385	7028	8168	8441	7609
1973	5618	7506	8330	7687	9178	8025	8687	9173	8577	10338	9363	7481
1974	6744	7663	8034	7897	10200	8518	9811	10816	9690	10099	8889	7855
1975	5561	9647	9953	12032	10900	9994	9668	8784	8270	9580	7741	8545
1976	6636	7910	9795	9829	10682	10121	8961	8365	9097	8511	9549	10653
1977	6734	7666	8608	6548	9209	10325	9100	9572	8143	8465	9193	8243
1978	7733	8231	8155	8537	9965	9513	9103	9981	9855	10137	8793	7694
1979	6273	8113	9125	8170	10624	9469	10485	9829	8579	9432	9245	7088
1980	6447	7435	8459	7710	8646	7757	10572	9751	9191	9207	7121	8137
1981	6863	8422										
SEASONALLY ADJUSTED												
1968						7556	6392	6305	6712	7059	5943	6888
1969	6803	7676	7807	7464	7807	7219	7490	7496	8392	7573	7355	7133
1970	8627	8863	7795	7935	7365	7669	7869	7744	7563	7683	7356	8107
1971	8866	7221	7484	7717	7184	7759	8102	8141	7518	7499	7599	7812
1972	7539	7326	7424	6849	7526	7277	7440	7538	7355	7684	7745	8181
1973	7373	8162	8132	8140	7886	8039	7882	9310	9095	9276	9355	7935
1974	8678	8356	8298	8160	8804	9593	9014	9447	10005	8907	8540	8297
1975	7260	10528	10926	11225	9768	9566	8673	8766	8309	8501	8005	8677
1976	8268	8569	9247	10322	9847	9406	8417	8096	8658	8323	9533	10431
1977	9559	8376	7963	6988	8352	9805	9971	8812	8038	8131	8930	8214
1978	11801	8996	8283	8551	8584	8916	8729	9020	10206	9625	9317	8647
1979	8312	8476	8875	8611	8986	9173	9377	9959	9028	8525	9128	7872
1980	8341	7993	8503	7806	7707	7396	9212	9830	9232	8239	7344	8471
1981	9278	9199										

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

REGISTRATIONS OF NEW MOTOR VEHICLES - CARS AND STATION WAGONS  
VICTORIA

NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	5635	6511	7118	6869	7967	7288	7095	7295	6667	7456	7717	7455
1967	5494	6299	7310	7798	8625	7865	7396	8647	7620	9077	8946	7250
1968	6569	8280	7958	8140	10188	8968	8773	7656	7320	9373	8417	8190
1969	6778	8545	9291	8639	9907	8705	9668	8671	9570	9928	9374	8653
1970	7885	9829	8407	10679	9155	9220	10051	9388	8813	9770	8917	10412
1971	8106	8118	9213	8826	8756	9369	9770	9865	9223	9038	9154	9273
1972	8811	7903	8712	8180	10624	9412	8578	9497	8164	9324	10198	8989
1973	7356	8692	9938	8736	11737	9541	10500	10779	9783	12332	11040	8385
1974	8343	9243	9391	9290	12284	12256	11347	11787	11190	11956	10291	8945
1975	7363	10825	11286	13325	12841	12007	11316	9885	9231	10473	8230	9374
1976	7074	8923	11129	11387	11783	11403	10252	9254	9710	10334	10484	11431
1977	8372	8953	9591	6930	9794	12749	10226	10669	8920	9498	9759	8842
1978	9076	8450	8584	9526	11454	10254	9894	10960	11259	11315	9516	8875
1979	7663	9294	10347	9523	12673	11351	12467	11600	9172	10641	9133	8052
1980	7985	9051	9878	8531	9775	8522	11955	11159	10194	10100	7946	9246
1981	7761	8305										
SEASONALLY ADJUSTED												
1966	7554	7165	6394	7335	7437	7042	7155	6702	6834	7119	7227	7521
1967	7173	6926	7343	7764	7540	7799	7312	7853	8218	8545	8243	7701
1968	8063	8577	8145	8219	8793	9432	8066	7360	7448	8280	8458	8304
1969	8347	9372	9346	8636	8845	8776	8340	5847	9932	8873	9346	8297
1970	10110	10749	9105	9630	8614	9922	9295	9358	8996	9124	9322	9942
1971	11039	8957	8598	9010	8019	8882	9442	9629	9194	8939	9325	8961
1972	9053	9329	8518	8575	9014	9954	8530	8651	8811	8857	9649	9631
1973	9005	9506	9774	9245	9868	9514	10162	9896	10826	11057	10597	8789
1974	10497	10138	9829	9529	10365	10298	10274	11281	11924	10620	10530	9254
1975	8996	11855	12564	12444	11391	11557	10067	10029	9470	9372	8590	9290
1976	9069	9618	10535	11803	10818	10412	9525	9013	9459	10244	10436	11463
1977	11069	9716	9006	7524	8859	11320	9945	9789	9070	9203	9793	9353
1978	11740	9591	9034	9724	9489	9392	9310	9957	11936	10754	9700	9997
1979	9323	10037	10304	10222	10815	10829	11343	10658	10708	9573	9343	8894
1980	9582	9519	10202	8768	8839	8151	10110	11344	10299	9112	9390	9472
1981	9805	9155										

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CAUTION SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

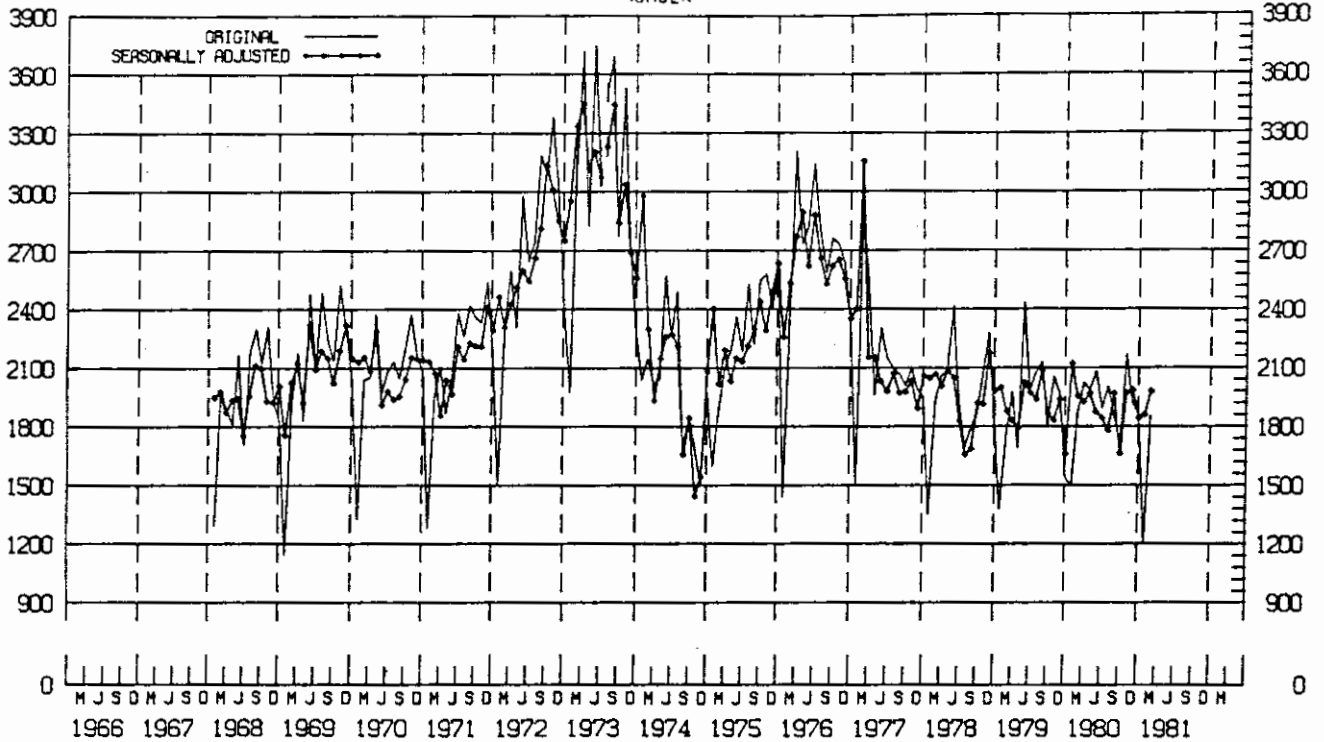
NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

The graph displays two data series over a 15-year period. The 'ORIGINAL' series (solid line) exhibits strong seasonal patterns, with peaks typically occurring in the summer months and troughs in the winter. The 'SEASONALLY ADJUSTED' series (line with dots) removes these seasonal variations, revealing a more consistent underlying trend. Both series show a general upward trend over the period, with the seasonally adjusted data reaching a peak around 1975 before fluctuating at a high level.

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

NEW HOUSES APPROVED  
VICTORIA

NUMBER

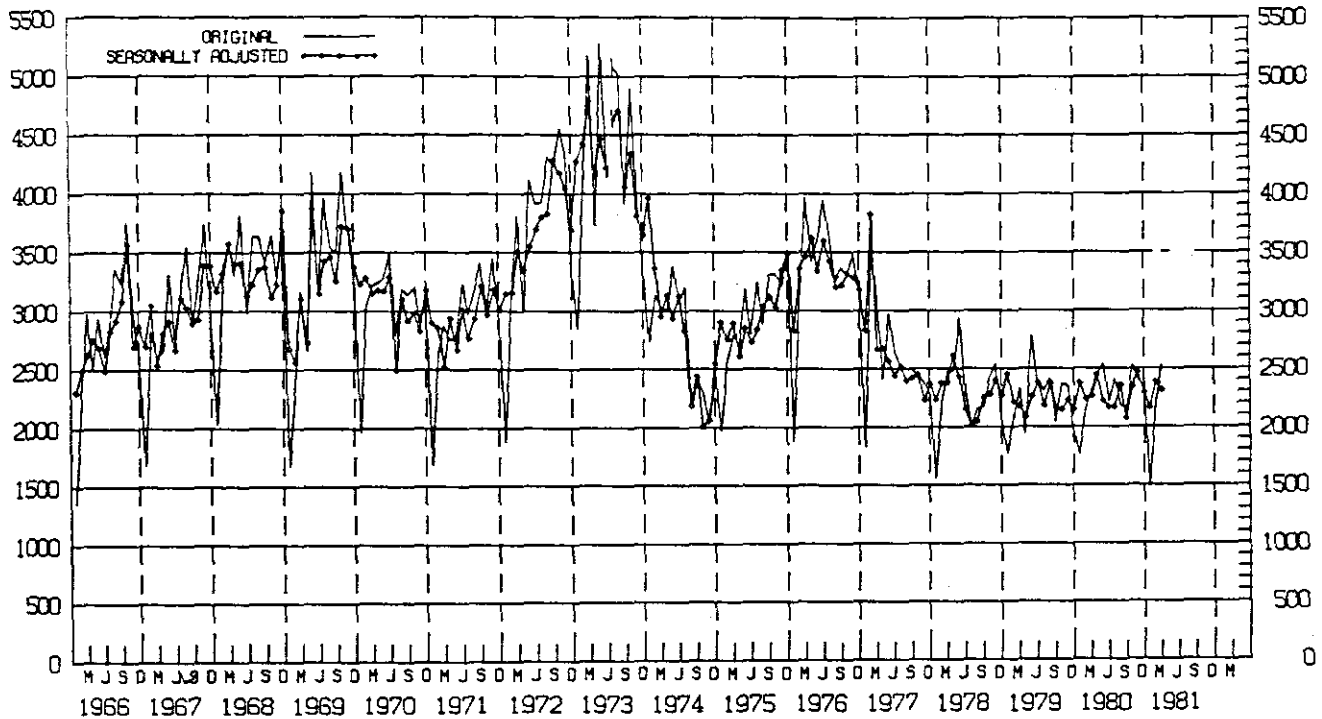


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	1296	1986	1892	1812	2166	1798	2182	2300	2127	2310	1928	1828
1969	1144	1921	2175	1835	2482	2194	2488	2242	2141	2528	2297	2034
1970	1327	2044	2053	2377	1975	2152	2137	2047	2200	2375	2170	2083
1971	1284	1959	2108	1871	2063	2382	2264	2421	2358	2332	2538	2165
1972	1502	2305	2596	2310	2979	2548	2749	3189	3091	3382	3031	2413
1973	1976	3126	3721	2828	3750	3177	3508A	3695	2777	3529	2748	2286
1974	2041	2148	2414	2049	2571	2264	2492	1680	1845	1696	1595	1973
1975	1598	1886	2101	2147	2361	2182	2526	2221	2548	2579	2397	2611
1976	1443	2399	3206	2736	2820	3144	2804	2587	2763	2736	2639	2308
1977	1503	2945	2540	1961	2307	2151	2097	2070	2010	2105	1994	1951
1978	1354	1929	2064	2089	2419	1926	1693	1790	1868	2273	2248	1819
1979	1380	1753	1977	1692	2434	1956	2075	2131	1903	2055	1970	1541
1980	1496	1868	2022	1988	2084	1991	2005	1847	1720	2171	1920	1866
1981	1213	1954										

SEASONALLY ADJUSTED												
1968	1953	1978	1872	1935	1944	1752	1957	2113	2099	1931	1923	2003
1969	1756	2422	2124	1923	2323	2093	2187	2150	2023	2189	2319	2150
1970	2128	2155	2085	2291	1911	1982	1940	1957	2045	2156	2148	2143
1971	2135	2075	1859	2040	1968	2209	2143	2227	2212	2209	2411	2292
1972	2463	2308	2426	2514	2598	2544	2664	2816	3138	3015	2955	2754
1973	2958	3337	3448	3119	3225	3176	3231A	3444	2541	3038	2647	2560
1974	2981	2296	1974	2149	2261	2272	2214	1657	1845	1444	1546	2083
1975	2404	2020	2193	2034	2153	2135	2212	2299	2437	2292	2449	2435
1976	2258	2533	2771	2896	2622	2581	2563	2531	2624	2656	2553	2353
1977	2403	3156	2156	2154	2033	1942	2370	1973	1977	2032	1896	2059
1978	2047	2064	2089	2088	2051	1829	1656	1688	1921	1915	2178	1983
1979	2002	1680	1830	1795	2025	1972	1939	2091	1866	1832	1939	1661
1980	2123	1957	1928	1969	1875	1843	1779	1969	1660	1973	1946	1843
1981	1661	1980										

1A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW DWELLINGS APPROVED  
VICTORIA  
NUMBER

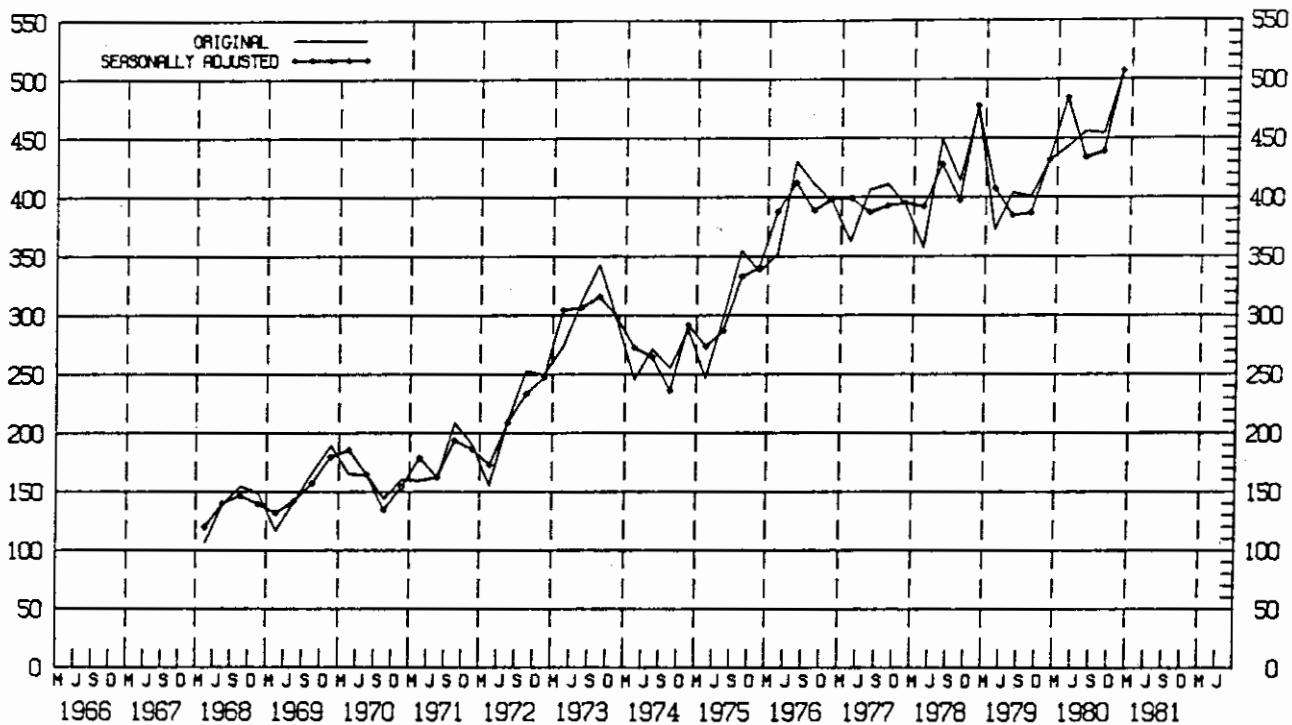


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	1357	2316	2979	2503	2944	2609	2851	3358	3233	3752	3285	2580
1967	1677	2821	2592	2662	3313	2764	3167	3548	2883	3267	3737	2918
1968	2630	3243	3593	3311	3818	2985	3640	3631	3407	3645	3394	3602
1969	1681	2364	3168	2456	4174	3127	3963	3543	3495	4186	3640	3294
1970	1957	3141	3217	3238	3272	3483	2798	3182	3137	3202	2937	3175
1971	1685	2640	2870	2751	2779	3231	2972	3170	3406	3035	3447	2921
1972	1872	3125	3805	2981	4188	3906	3917	4307	4230	4553	4331	3299
1973	2849	4090	5171	3726	5283	4246	5076A	5014	3911	4892	3988	3305
1974	2731	3124	3027	2993	3378	3387	3195	2285	2437	2280	2330	2470
1975	1966	2560	2796	2690	3182	2900	3239	2883	3304	3313	3211	3509
1976	1881	3144	3964	3416	3598	3939	3606	3251	3362	3298	3477	3137
1977	1823	3550	3090	2411	2972	2639	2514	2499	2483	2446	2348	2264
1978	1955	2217	2481	2477	2935	2300	2066	2157	2176	2420	2542	2069
1979	1773	2554	2327	1937	2789	2401	2310	2410	2039	2367	2348	1970
1980	1755	2140	2320	2434	2540	2211	2489	2177	2156	2528	2399	2319
1981	1483	2208	2524									
SEASONALLY ADJUSTED												
1966	2310	2494	2525	2754	2685	2484	2825	2913	3079	3568	2532	2864
1967	2695	3045	2536	2804	2913	2667	3110	3030	2894	2924	3347	3385
1968	3165	3314	3572	3390	3408	3125	3224	3348	3371	3111	3222	3851
1969	2677	2554	3106	2728	3870	3146	3426	3459	3254	3721	3713	3376
1970	3228	3281	3151	3176	3170	3258	2495	3101	2916	2981	2924	3175
1971	2895	2852	2518	2934	2663	3003	2759	2928	3204	2963	3176	3004
1972	3145	3154	3507	3342	3546	3695	3798	3828	4279	4174	4146	3690
1973	4273	4415	4784	4148	4403	4210	4632A	4699	4057	4338	3905	3645
1974	3958	3362	2950	3129	2933	3123	2831	2182	2436	1999	2059	2546
1975	2897	2752	2890	2609	2849	2727	2838	3036	3115	3024	3343	3489
1976	2831	3360	3457	3614	3335	3596	3420	3198	3215	3312	3274	3172
1977	2822	3222	2661	2672	2563	2437	2513	2394	2420	2446	2228	2370
1978	2233	2378	2382	2613	2433	2152	2508	2046	2247	2275	2393	2271
1979	2447	2207	2173	2086	2259	2377	2140	2379	2161	2148	2230	2147
1980	2373	2234	2254	2444	2220	2157	2167	2358	2071	2337	2444	2287
1981	2158	2376	2308									

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VALUE OF TOTAL BUILDING APPROVED  
VICTORIA

\$ MILLION

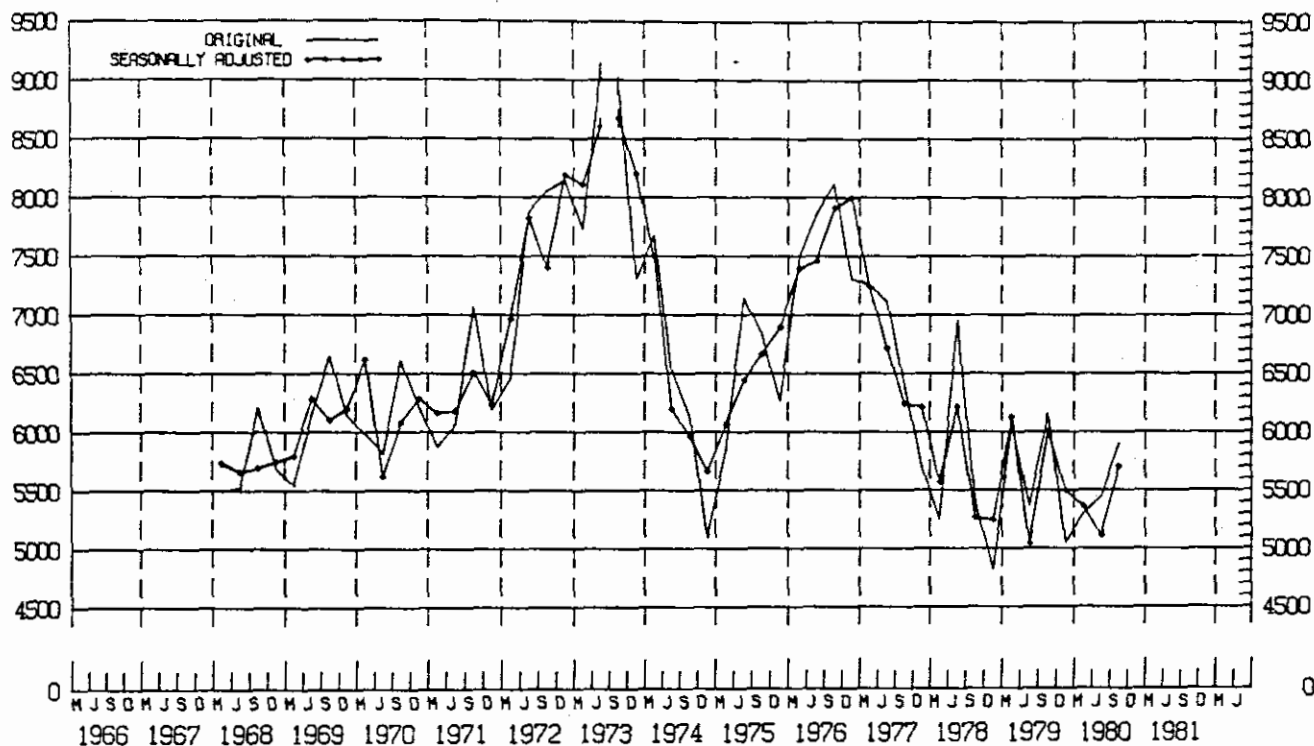


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1968	106.5	139.6	154.4	148.0
1969	116.6	141.6	166.4	189.2
1970	164.9	164.2	143.9	160.2
1971	159.4	162.5	208.6	190.4
1972	155.2	289.9	253.1	249.3
1973	273.1	311.6	342.8	295.9
1974	245.5	271.6	255.2	288.6
1975	246.8	298.3	355.0	336.7
1976	351.7	429.9	411.0	395.6
1977	362.4	406.2	411.1	392.7
1978	357.5	448.9	413.7	475.9
1979	372.3	403.9	400.6	431.3
1980	442.8	455.9	454.2	507.4

	SEASONALLY ADJUSTED			
1968	120.1	139.9	146.6	139.3
1969	131.7	141.9	157.1	179.6
1970	145.4	164.8	134.6	154.1
1971	173.7	162.3	193.8	186.2
1972	172.9	203.9	233.2	247.5
1973	304.4	306.4	315.9	297.7
1974	272.5	264.8	236.1	292.1
1975	273.5	297.3	332.7	340.4
1976	388.0	412.3	388.7	398.9
1977	399.1	387.2	392.8	394.9
1978	392.0	427.7	397.3	477.7
1979	407.3	384.5	386.4	431.6
1980	484.6	433.8	439.0	526.9

NEW HOUSES COMMENCED  
VICTORIA

NUMBER



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	5494	5522	6206	5685
1967	5543	6146	6645	6140
1971	5978	5512	6607	6226
1971	5873	6865	7073	6191
1972	6455	7878	8052	8145
1973	7733	9068	8950A	7310
1974	7673	6519	6138	5092
1975	5842	7146	6835	6265
1976	7472	7962	8114	7395
1977	7256	7113	6397	6695
1978	5251	6355	5396	4819
1979	6169	5365	6156	5050
1981	5297	5450	5900B	

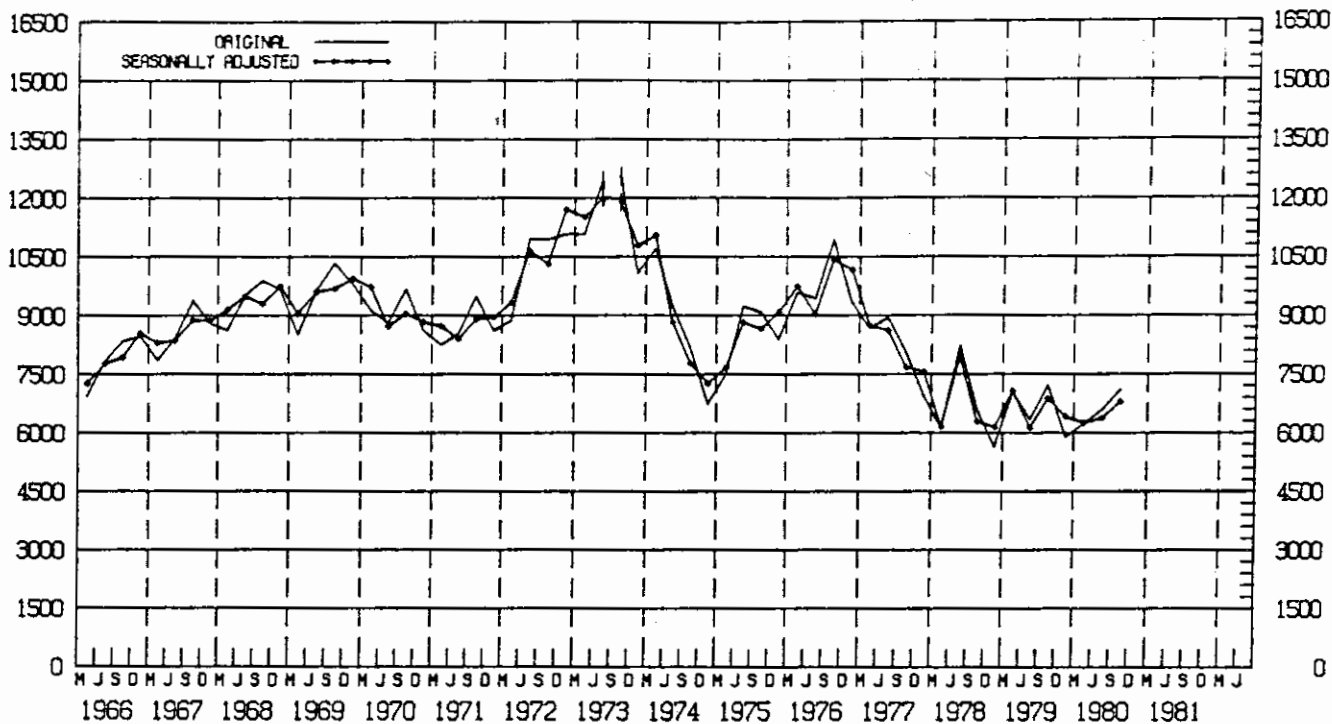
## SEASONALLY ADJUSTED

1966	5734	5658	5692	5744
1967	5794	5283	6102	6199
1971	6618	5617	6075	6285
1971	6159	6178	6509	6232
1972	6966	7926	7400	8190
1973	8119	8500	8674A	8202
1974	7500	5194	5961	5660
1975	6060	6642	6662	6894
1976	7395	7458	7909	7997
1977	7238	5717	6243	6210
1978	5567	6214	5260	5246
1979	6125	5838	5999	5495
1981	5360	5111	5700B	

- (A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (B) THIS FIGURE HAS BEEN ROUNDED TO THE NEAREST HUNDRED - SEE EXPLANATORY NOTES.

NEW DWELLINGS COMMENCED (A)  
VICTORIA

NUMBER



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1965	6930	7336	8339	8468
1966	7852	8418	9373	8796
1967	8621	9517	9884	9656
1968	8513	9645	10332	9803
1969	9143	8805	9667	8614
1970	8252	8550	9488	8617
1971	8170	10360	10946	11075
1972	11968	12457	125638	12087
1973	10793	9241	8183	6741
1974	7502	9230	9086	8387
1975	9587	9433	10932	9349
1976	8672	8954	8046	6950
1977	6129	8236	6593	5647
1978	7044	6344	7213	5896
1979	6232	6603	7100C	

SEASONALLY ADJUSTED				
1965	7281	7767	7930	8545
1966	8294	8355	8676	8859
1967	9141	9487	9292	9742
1968	9051	9608	9680	9934
1969	9729	8723	9045	8835
1970	8733	8397	8901	8957
1971	9328	10540	10308	11739
1972	11507	11999	118878	10785
1973	11049	9838	7780	7269
1974	7673	8829	8654	9090
1975	9740	9331	10424	10165
1976	8744	8616	7672	7560
1977	6159	7945	6287	6139
1978	7074	6125	6881	6408
1979	6256	6379	6890C	

(A) THIS SERIES HAS NOT BEEN RE-ANALYSED. THE DATA IS IDENTICAL TO THAT IN "SEASONALLY ADJUSTED INDICATORS, VICTORIA, 1979" WITH THE EXCEPTION OF THE ADDITION OF LATER DATA - SEE EXPLANATORY NOTES.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(C) THIS FIGURE HAS BEEN ROUNDED TO THE NEAREST HUNDRED - SEE EXPLANATORY NOTES.

The graph displays monthly precipitation data from 1966 to 1981. The Y-axis represents precipitation in millimeters (mm), ranging from 4500 to 9500. The X-axis shows the months from January 1966 to January 1981. Two data series are plotted: 'ORIGINAL' (solid line) and 'SEASONALLY ADJUSTED' (line with dots). The 'ORIGINAL' data shows significant seasonal fluctuations, with peaks around 8000 mm and troughs around 4500 mm. The 'SEASONALLY ADJUSTED' data shows a smoother trend, generally following the same pattern but with reduced seasonal variation.

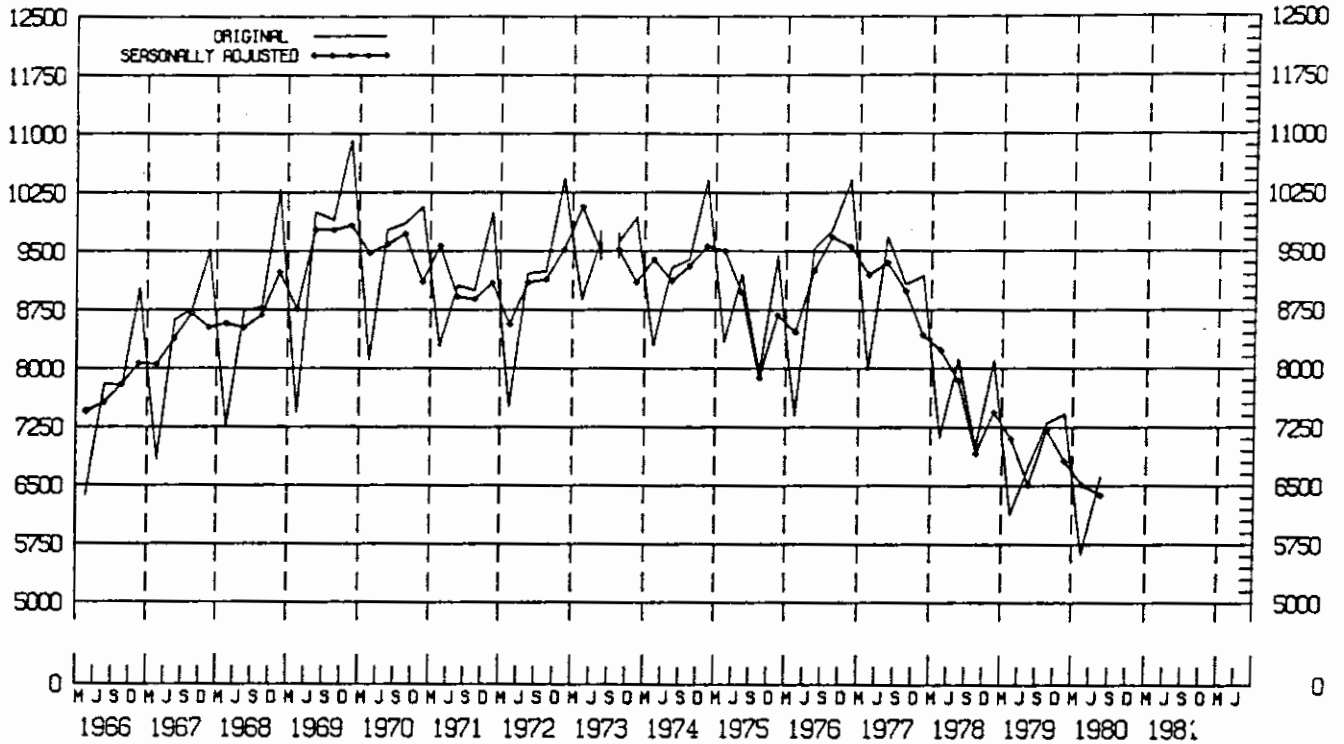
SEASONALLY ADJUSTED

1968	5347	5282	5321	5300
1969	5541	5036	5989	6365
1970	6259	6975	6290	6238
1971	6307	6356	6425	6207
1972	6321	6570	6508	7302
1973	7290	7197	7044A	6579
1974	6834	6605	6802	6763
1975	6837	6487	6124	6647
1976	6363	6951	7214	7382
1977	7222	7058	6973	6636
1978	6472	6375	5816	5986
1979	5940	5738	6258	5576
1980	5407	5285		

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW DWELLINGS COMPLETED (A)  
VICTORIA

NUMBER



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	6369	7807	7779	9026
1967	6833	8626	8760	9518
1968	7263	8737	8786	10289
1969	7437	9994	9895	10916
1970	8112	9771	9852	10070
1971	8257	9957	8997	9991
1972	7514	9216	9241	10421
1973	8879	9643	95148	9937
1974	8291	9286	9394	10414
1975	8339	9195	7943	9441
1976	7393	9532	9768	10404
1977	7477	9676	9674	9181
1978	7116	8119	6990	8103
1979	6127	6739	7303	7414
1980	5616	6607		

	SEASONALLY ADJUSTED			
1966	7453	7563	7792	8867
1967	8153	8379	8705	8520
1968	8572	8518	8684	9231
1969	8752	9772	9765	9825
1970	9469	9587	9722	9107
1971	9569	8315	8884	9092
1972	8568	9099	9138	9520
1973	10064	9507	95229	9697
1974	9392	9117	9309	9559
1975	9495	8964	7876	8677
1976	8461	9249	9681	9556
1977	9195	9350	8990	8422
1978	5235	7841	6907	7439
1979	7191	6507	7211	6818
1980	6513	6379		

- (A) THIS SERIES HAS NOT BEEN RE-ANALYSED. THE DATA IS IDENTICAL TO THAT IN "SEASONALLY ADJUSTED INDICATORS, VICTORIA, 1979" WITH THE EXCEPTION OF THE ADDITION OF LATER DATA - SEE EXPLANATORY NOTES.
- (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

The graph displays two data series: 'ORIGINAL' (solid line) and 'SEASONALLY ADJUSTED' (line with dots). Both series show a strong upward trend over the 15-year period, with the original data exhibiting significant seasonal volatility. The seasonally adjusted data follows the same general path but without the monthly fluctuations. The data begins in early 1966 at approximately 120 and ends in early 1981 at approximately 490.

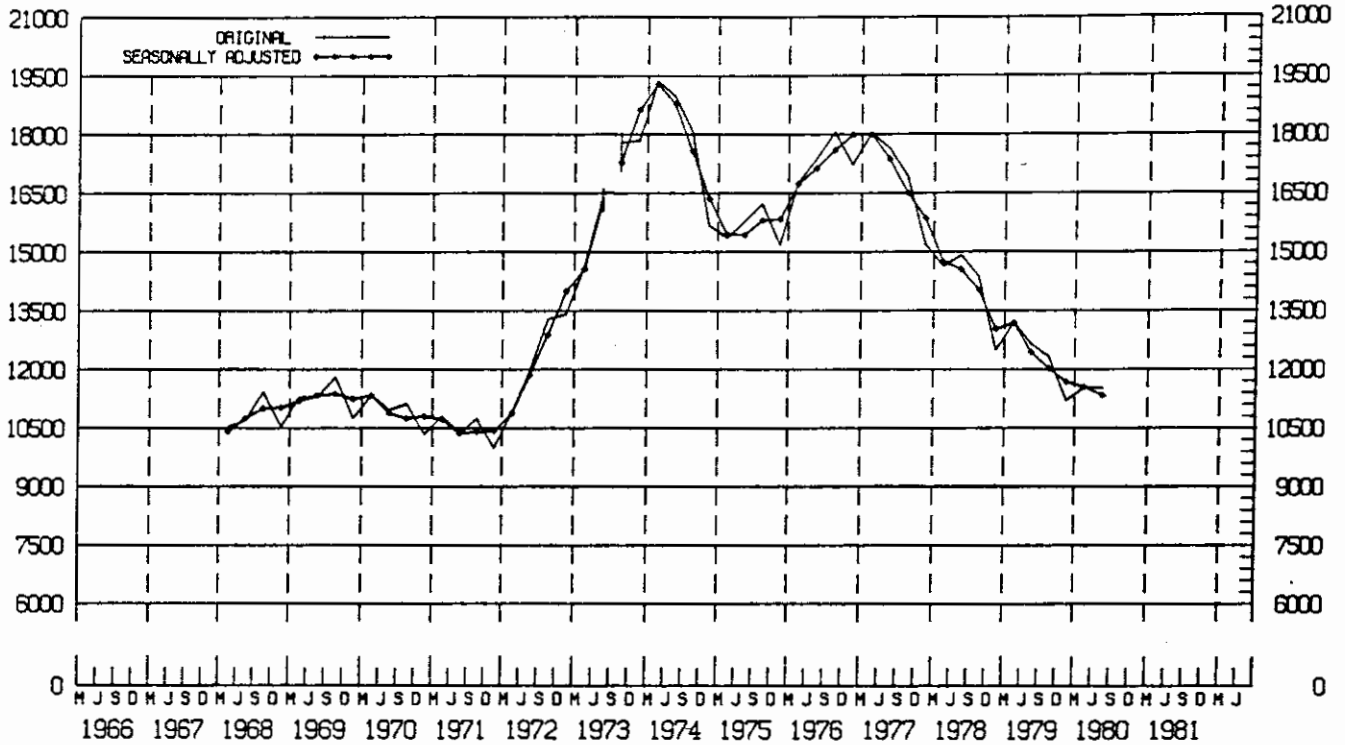
Year	Month	Original	Seasonally Adjusted
1966	Jan	120	120
1967	Jan	125	125
1968	Jan	150	150
1969	Jan	155	155
1970	Jan	160	160
1971	Jan	165	165
1972	Jan	170	170
1973	Jan	200	200
1974	Jan	240	240
1975	Jan	280	280
1976	Jan	320	320
1977	Jan	360	360
1978	Jan	400	400
1979	Jan	440	440
1980	Jan	480	480
1981	Jan	490	490

SEASONALLY ADJUSTED

1368	121.3	119.0	159.5	127.3
1969	144.2	149.7	160.5	149.2
1373	153.4	156.0	161.8	176.8
1371	160.3	155.9	162.3	157.3
1372	188.8	179.5	190.2	212.7
1373	215.8	199.6	261.8	191.3
1374	231.9	235.3	249.5	281.6
1375	287.3	298.6	298.8	341.8
1376	348.8	387.2	413.3	377.0
1377	413.8	421.5	417.4	397.1
1378	470.8	420.8	427.9	433.1
1379	437.6	452.4	474.1	441.8
1980	395.7	401.4		

NEW HOUSES UNDER CONSTRUCTION  
VICTORIA

NUMBER



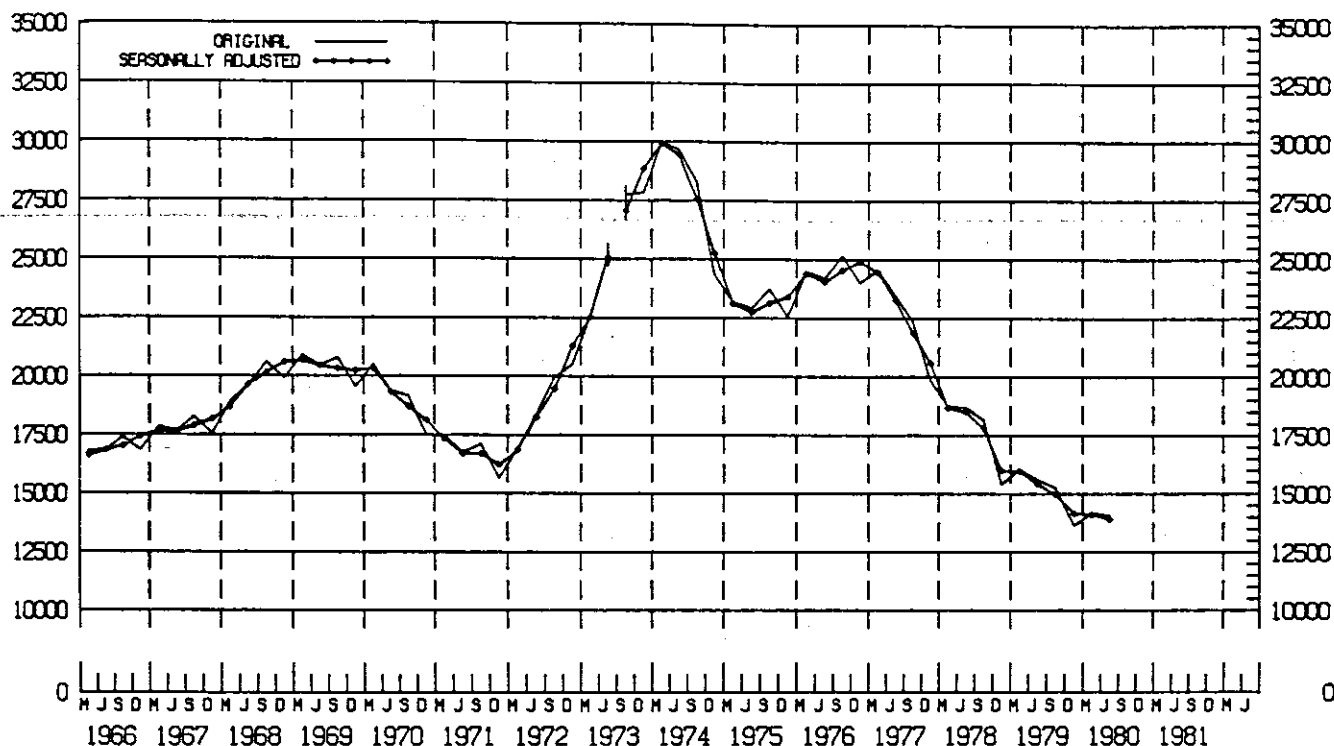
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1968	10533	10713	11421	10541
1969	11296	11290	11802	10753
1970	11340	10960	11125	10345
1971	10908	10368	10739	9989
1972	10899	11960	13289	13410
1973	14639	15396	17791A	17843
1974	19353	18979	18058	15664
1975	15350	15770	16219	15165
1976	16771	17391	18058	17231
1977	18029	17538	16917	15186
1978	14627	14921	14373	12495
1979	13197	12549	12327	11292
1980	11543	11521		

	SEASONALLY ADJUSTED			
1968	10429	10755	11004	11024
1969	11188	11329	11377	11243
1970	11343	10880	10740	10889
1971	10720	10362	10393	10426
1972	10877	11861	12084	13996
1973	14566	16278	17279A	18627
1974	19292	18753	17566	16357
1975	15452	15438	15801	15836
1976	16734	17134	17603	17994
1977	18001	17379	16497	15856
1978	14749	14550	14023	13638
1979	13192	12444	12032	11681
1980	11547	11332		

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW DWELLINGS UNDER CONSTRUCTION (A)  
VICTORIA

NUMBER

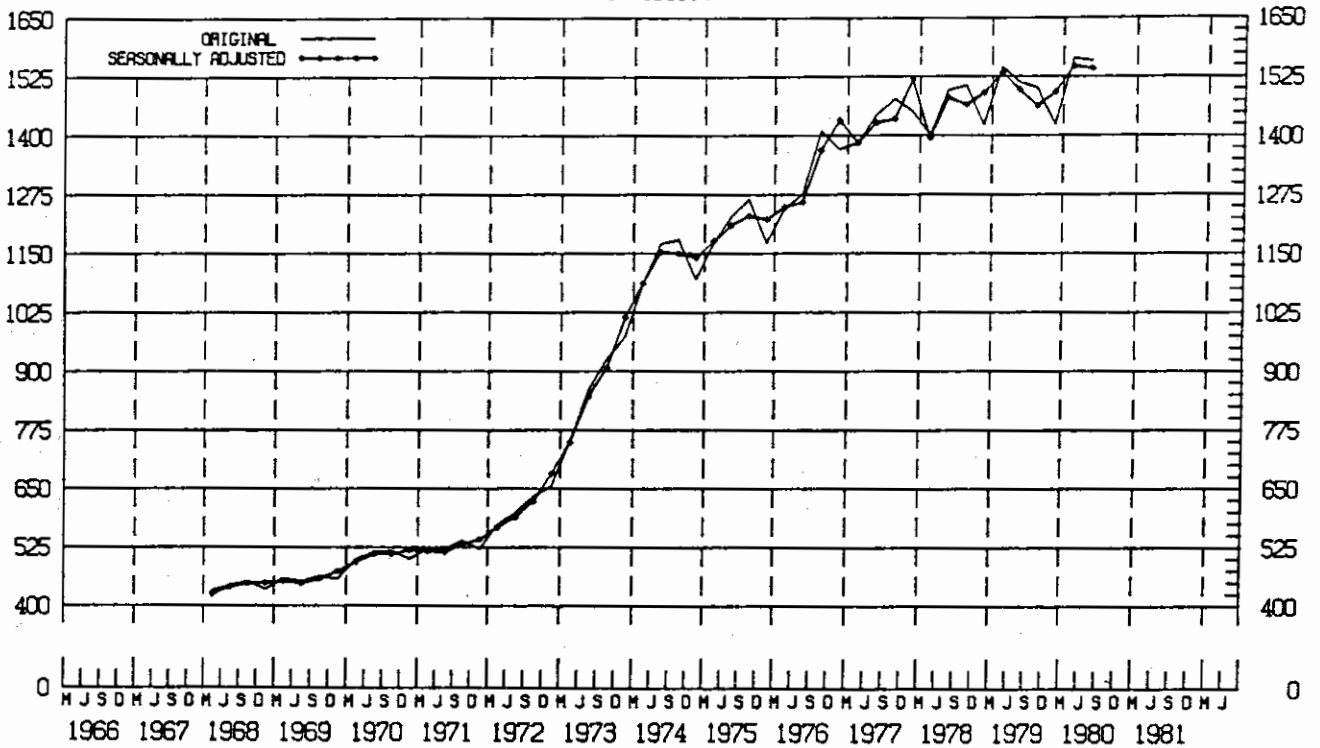


YEAR	APR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1965	16804	16833	17393	16835
1967	17954	17546	18259	17537
1968	18895	19527	20582	19894
1969	20882	23448	20770	19539
1970	20488	19359	19141	17494
1971	17430	16760	17095	15646
1972	16905	19369	19960	20517
1973	22568	25281	27755	27821
1974	29960	29659	28286	24343
1975	23159	22894	23732	22566
1976	24469	24205	25161	24813
1977	24559	23480	22361	19841
1978	18736	18685	18159	15411
1979	16045	15597	15254	13648
1980	14171	14064		
SEASONALLY ADJUSTED				
1965	15632	16835	17015	17417
1967	17657	17531	17880	18147
1968	18673	19521	20141	20592
1969	20658	20427	20309	20227
1970	20308	19313	18693	18125
1971	17318	16587	16685	16211
1972	16846	18239	19454	21279
1973	22523	25084	27042	28855
1974	29915	29429	27557	25255
1975	23101	22729	23133	23404
1976	24398	24019	24553	24915
1977	24465	23272	21861	20586
1978	18659	18487	17792	15986
1979	15975	15415	14965	14155
1980	14107	13397		

- (A) THIS SERIES HAS NOT BEEN RE-ANALYSED. THE DATA IS IDENTICAL TO THAT IN "SEASONALLY ADJUSTED INDICATORS, VICTORIA, 1979" WITH THE EXCEPTION OF THE ADDITION OF LATER DATA - SEE EXPLANATORY NOTES.
- (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VALUE OF TOTAL BUILDING UNDER CONSTRUCTION  
VICTORIA

\$ MILLION

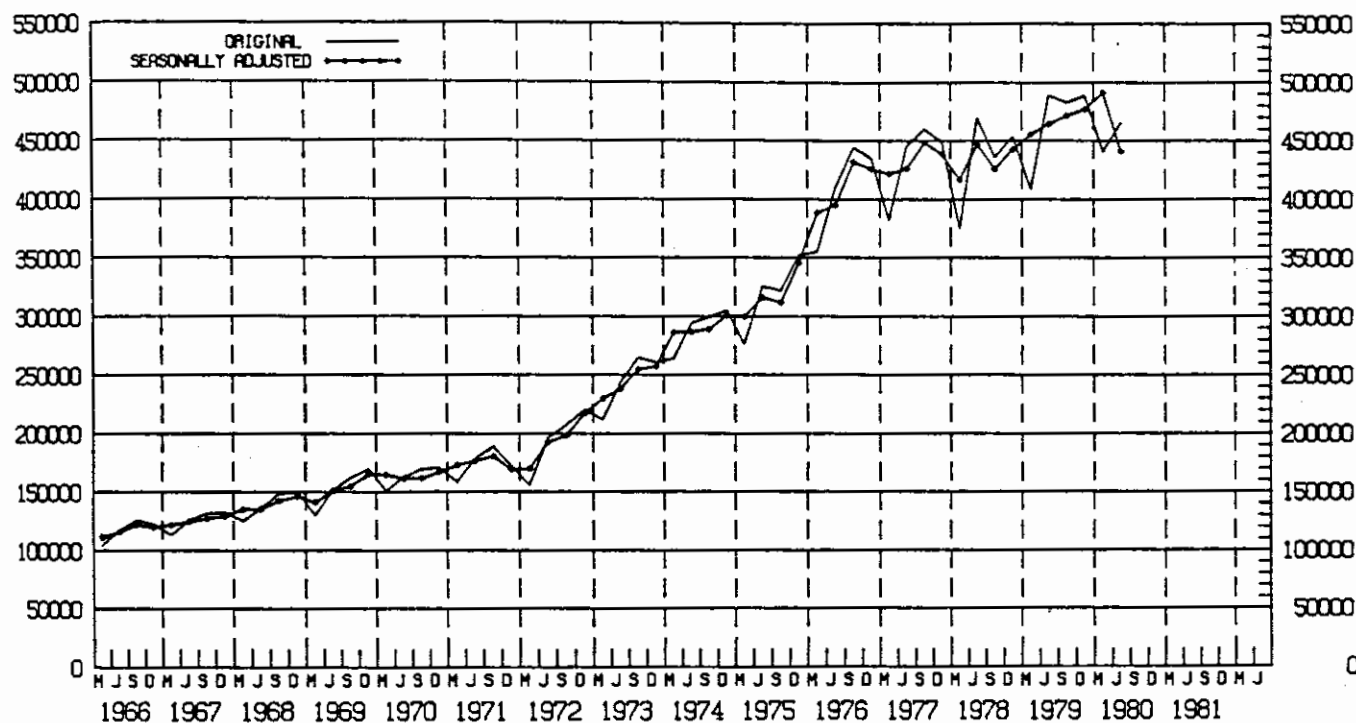


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1968	432.7	443.9	452.3	434.1
1969	458.5	451.9	462.9	457.2
1970	500.2	514.8	517.1	499.9
1971	521.7	528.4	539.6	521.0
1972	572.7	598.2	633.9	655.8
1973	752.7	868.4	925.9	973.8
1974	1086.4	1178.9	1178.9	1094.7
1975	1173.1	1228.3	1265.2	1172.4
1976	1244.5	1275.4	1409.4	1370.6
1977	1384.4	1444.0	1477.2	1450.7
1978	1399.8	1496.5	1506.2	1421.8
1979	1545.1	1512.7	1500.8	1422.2
1980	1564.0	1558.9		

SEASONALLY ADJUSTED				
1968	426.9	439.7	447.2	449.6
1969	452.3	447.7	457.5	473.8
1970	493.7	519.7	510.5	518.5
1971	516.0	514.1	532.0	541.0
1972	568.3	583.6	623.0	682.5
1973	749.4	847.1	906.3	1014.3
1974	1086.0	1152.9	1149.1	1140.6
1975	1176.2	1219.9	1229.8	1222.0
1976	1248.5	1258.6	1368.1	1431.8
1977	1363.8	1426.4	1434.4	1518.1
1978	1393.6	1479.9	1465.2	1490.7
1979	1532.3	1496.0	1462.3	1492.3
1980	1547.4	1541.7		

VALUE OF WORK DONE ON TOTAL BUILDING (A)  
VICTORIA

\$ '000

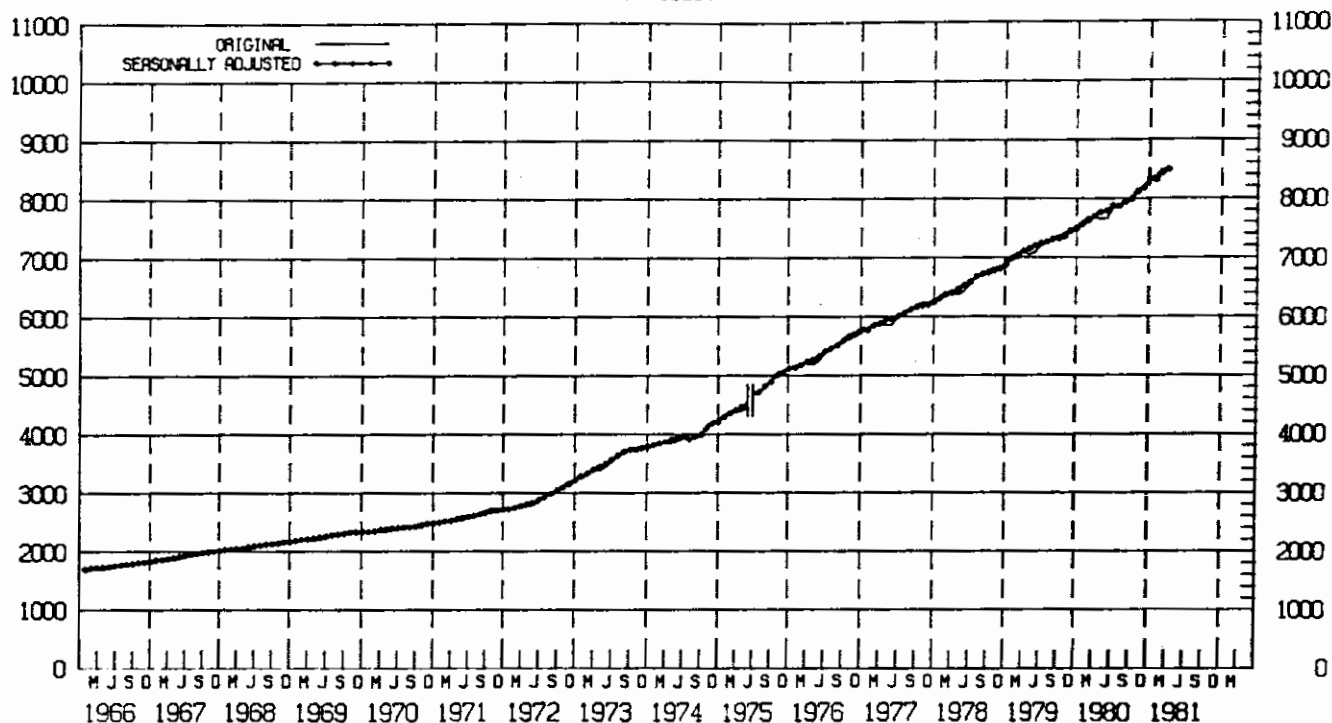


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	104370	117237	125192	122258
1967	113255	125998	132005	132507
1968	125163	136075	148570	149951
1969	129983	151570	162138	169424
1970	151068	162347	169186	170841
1971	158434	178513	189110	172243
1972	155859	196157	207184	220452
1973	211510	243540	264866	260862
1974	264207	294305	299515	305115
1975	275959	325786	321947	352219
1976	354966	410149	444602	434912
1977	382406	445548	460109	448867
1978	375012	469973	435838	453627
1979	409114	489089	482641	488825
1980	440686	465206		
SEASONALLY ADJUSTED				
1966	111863	115718	121661	119598
1967	121337	124779	127081	129245
1968	135110	135206	142341	146074
1969	141031	150315	154849	165095
1970	164591	161321	161537	167031
1971	172710	176435	180471	169050
1972	169790	192454	199306	217299
1973	229653	238037	254676	257278
1974	286621	286587	288957	300736
1975	299832	316042	311729	345820
1976	388493	395031	432080	425746
1977	421495	426343	448519	438133
1978	416476	447036	425627	442619
1979	455543	464194	471610	476879
1980	491344	441046		

(A) THIS SERIES HAS NOT BEEN RE-ANALYSED. THE DATA IS IDENTICAL TO THAT IN "SEASONALLY ADJUSTED INDICATORS, VICTORIA, 1979" WITH THE EXCEPTION OF MINOR REVISIONS AND THE ADDITION OF LATER DATA - SEE EXPLANATORY NOTES.

SAVINGS BANKS - DEPOSITORS' BALANCES  
VICTORIA

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	1695.3	1714.4	1703.3	1697.4	1709.7	1746.0	1768.0	1787.2	1799.7	1822.1	1833.8	1835.2
1967	1852.1	1861.2	1863.6	1860.6	1879.9	1925.7	1948.2	1969.9	1992.4	2012.7	2024.6	2024.6
1968	2035.6	2042.4	2039.2	2026.2	2052.3	2085.5	2104.9	2129.8	2140.0	2159.3	2192.7	2170.6
1969	2183.8	2200.9	2189.4	2189.3	2206.1	2244.3	2276.3	2298.3	2317.1	2349.4	2351.9	2338.5
1970	2333.6	2342.5	2346.5	2341.1	2359.5	2386.8	2408.3	2426.9	2446.6	2479.3	2533.7	2496.1
1971	2498.2	2519.7	2510.3	2522.8	2538.6	2575.4	2606.1	2652.6	2681.2	2728.0	2734.1	2723.9
1972	2722.8	2739.9	2754.3	2764.6	2783.9	2852.0	2914.0	2986.7	3061.4	3131.5	3194.0	3225.3
1973	3264.3	3332.8	3381.9	3383.6	3445.2	3538.8	3614.6	3702.4	3759.4	3772.1	3801.1	3803.7
1974	3826.8	3851.2	3857.6	3842.7	3886.5	3933.1	3889.6	3957.0	4016.0	4152.9	4213.6	4241.4
1975	4315.8	4382.6	4395.7	4397.7	4455.7	4668.5A	4689.1	4815.3	4920.6	5053.5	5077.7	5150.3
1976	5153.0	5208.9	5214.3	5183.7	5245.3	5377.6	5442.1	5511.0	5627.1	5698.6	5735.3	5810.1
1977	5795.1	5897.0	5866.1	5856.2	5856.9	5977.5	6046.2	6120.2	6201.0	6229.5	6224.7	6283.8
1978	6353.7	6419.4	6379.8	6365.6	6423.4	6552.5	6664.3	6722.0	6780.4	6819.8	6835.6	6916.0
1979	7023.9	7074.8	7091.5	7037.5	7084.6	7205.4	7250.5	7328.9	7365.2	7409.4	7475.1	7528.5
1980	7614.7	7688.5	7679.3	7648.1	7664.7	7838.7	7854.5	7955.5	8034.2	8159.9	8195.0	8364.0
1981	8368.3	8497.6	8466.6									
SEASONALLY ADJUSTED												
1966	1693.1	1711.9	1714.6	1726.1	1737.0	1750.9	1766.5	1777.4	1787.2	1803.3	1814.3	1826.5
1967	1849.8	1858.6	1876.4	1892.5	1909.4	1933.3	1946.7	1959.1	1978.5	1989.9	2001.1	2016.2
1968	2033.3	2040.2	2053.6	2060.8	2084.1	2094.3	2103.8	2118.6	2124.6	2132.7	2156.3	2161.6
1969	2182.0	2199.6	2204.0	2225.8	2240.1	2255.9	2276.7	2286.7	2299.3	2318.8	2322.4	2326.3
1970	2331.9	2341.9	2364.0	2379.0	2395.2	2401.7	2411.2	2415.3	2426.4	2446.2	2472.2	2483.9
1971	2495.6	2513.5	2525.0	2562.3	2577.9	2593.9	2612.5	2641.9	2665.3	2692.3	2793.3	2799.2
1972	2717.9	2738.2	2767.9	2807.5	2826.4	2874.2	2924.6	2978.0	3035.5	3089.7	3146.5	3206.4
1973	3275.4	3327.4	3395.8	3436.4	3496.8	3566.5	3630.8	3696.9	3729.4	3722.7	3760.0	3778.5
1974	3812.7	3839.0	3871.1	3904.5	3944.2	3959.8	3986.2	3955.3	3985.9	4106.6	4179.9	4211.6
1975	4296.3	4361.7	4410.3	4468.8	4521.4	4701.0A	4709.5	4816.2	4886.3	4993.9	5035.9	5114.3
1976	5125.4	5176.9	5231.4	5267.7	5323.3	5411.5	5461.5	5510.3	5598.1	5638.4	5703.9	5776.5
1977	5760.5	5855.6	5884.9	5949.9	5946.6	6010.7	6062.0	6114.8	6161.6	6172.6	6195.6	6244.1
1978	6311.9	6372.1	6395.4	6466.0	6524.8	6585.6	6677.1	6709.3	6737.4	6766.8	6809.1	6875.3
1979	6974.3	7021.5	7111.1	7146.9	7197.7	7241.1	7262.1	7311.4	7317.4	7357.2	7449.2	7458.7
1980	7557.9	7629.7	7709.2	7765.8	7787.7	7875.5	7865.8	7934.5	7981.5	8105.4	8159.3	8321.6
1981	8304.1	8432.2	8459.5									

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

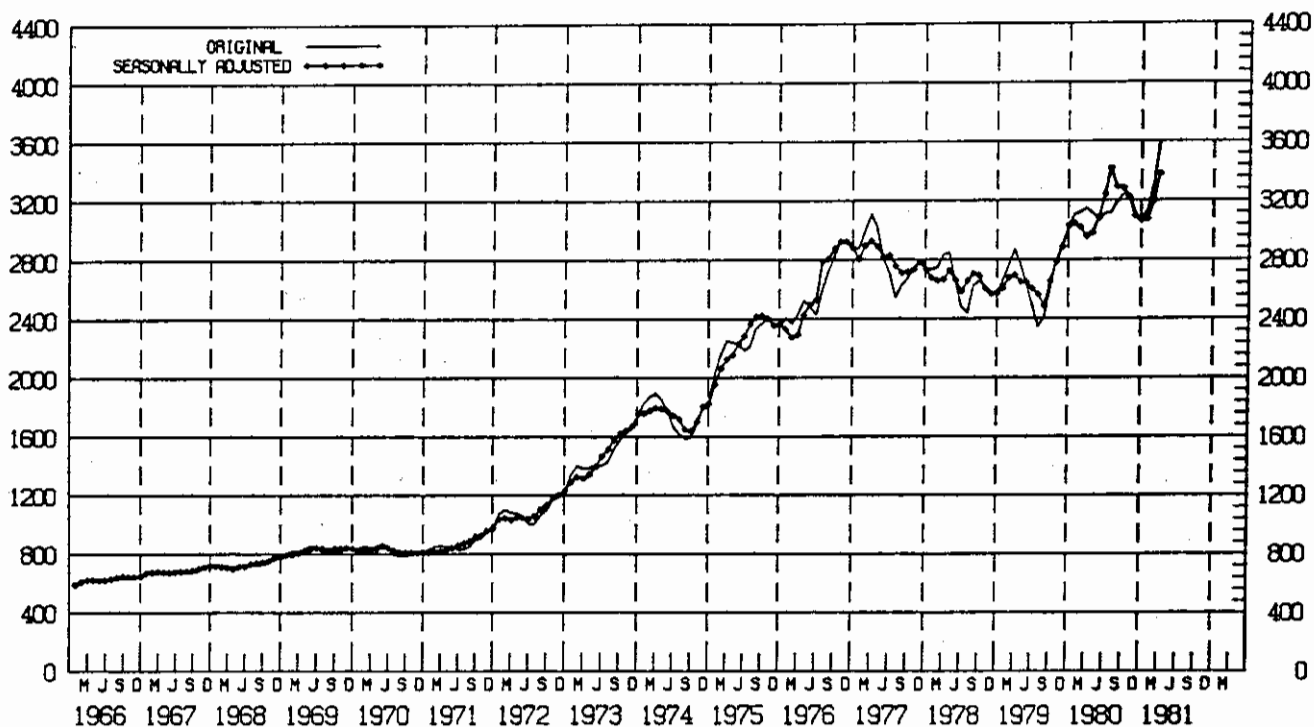
The graph displays two data series: 'ORIGINAL' (solid line) and 'SEASONALLY ADJUSTED' (line with diamond markers). The Y-axis represents values from 800 to 3800 in increments of 300. The X-axis represents time from January 1966 to December 1981, with labels for months (H, J, S, O, M, J, J, S, O, N, D) and years (1966 to 1981). Both series show a similar trend, with a period of relative stability until the early 1970s, followed by a significant upward trend. The 'ORIGINAL' series shows more volatility, particularly a sharp peak around 1980 followed by a decline, which is smoothed out in the 'SEASONALLY ADJUSTED' series.

Year	Original (Approx.)	Seasonally Adjusted (Approx.)
1966	900	900
1967	950	950
1968	1000	1000
1969	1050	1050
1970	1100	1100
1971	1150	1150
1972	1250	1250
1973	1600	1600
1974	1500	1500
1975	1700	1700
1976	2000	2000
1977	2100	2100
1978	2200	2200
1979	2400	2400
1980	2800	2600
1981	2900	2600

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	923.8	986.5	972.6	951.5	918.7	912.3	890.8	887.9	906.7	932.9	966.3	994.7
1967	978.2	1011.2	1035.9	983.0	964.6	947.4	942.6	937.1	936.6	952.1	937.8	1025.7
1968	1042.0	1037.6	1052.7	1047.3	1010.0	1024.2	1002.9	978.0	992.5	1022.0	1021.2	1062.6
1969	1058.2	1085.6	1099.7	1087.6	1032.6	1035.0	1047.5	1039.2	1024.8	1049.9	1094.8	1128.8
1970	1117.3	1144.2	1176.7	1148.6	1092.4	1093.3	1063.5	1047.4	1063.2	1085.9	1116.5	1174.5
1971	1122.8	1142.7	1148.9	1127.4	1108.6	1141.4	1058.8	1088.7	1108.3	1105.2	1121.3	1188.2
1972	1163.8	1194.8	1205.0	1229.3	1165.1	1229.8	1197.7	1210.9	1243.6	1300.4	1372.1	1478.9
1973	1493.3	1511.3	1490.8	1537.6	1513.9	1597.2	1588.4	1563.4	1581.0	1604.1	1603.6	1694.4
1974	1641.9	1664.3	1629.7	1641.6	1561.9	1627.5	1447.7	1387.3	1417.6	1464.0	1478.2	1562.9
1975	1560.8	1578.3	1641.9	1724.5	1609.3	1665.7	1698.0	1686.2	1714.8	1812.0	1867.3	1988.4
1976	1970.9	1979.4	2029.0	1988.0	1899.0	1959.5	1898.0	1878.4	1897.2	1916.8	1975.2	2116.5
1977	2085.6	2129.7	2160.8	2122.2	2030.3	2040.8	2010.9	1969.3	1959.0	2003.2	2103.9	2163.8
1978	2143.8	2165.5	2202.5	2189.4	2110.4	2137.5	2098.4	2076.8	2108.4	2145.4	2230.7	2372.5
1979	2396.9	2384.7	2420.6	2481.5	2356.3	2379.2	2357.3	2329.0	2356.2	2417.4	2443.3	2568.3
1980	2712.7	2766.7	2775.5	2728.9	2561.0	2621.3	2655.3	2622.1	2634.6	2775.2	2924.5	3096.5
1981	3061.0	3016.1	3033.1									
SEASONALLY ADJUSTED												
1966	910.2	942.9	913.3	930.4	931.4	913.5	933.8	924.2	952.3	964.6	955.2	969.9
1967	963.7	969.0	973.6	961.2	964.5	968.9	985.1	975.3	983.6	983.1	989.1	994.2
1968	1011.7	996.8	1005.3	1023.8	1010.9	1037.4	1032.8	1032.5	1041.1	1039.2	1023.0	1031.7
1969	1026.8	1045.3	1054.6	1046.5	1049.3	1053.4	1077.9	1097.8	1073.4	1066.2	1103.1	1176.2
1970	1099.3	1102.9	1134.6	1103.6	1111.3	1105.6	1093.3	1106.6	1096.6	1118.0	1125.0	1117.6
1971	1104.3	1101.9	1098.7	1096.9	1128.4	1137.2	1102.7	1141.5	1134.7	1137.5	1129.4	1129.4
1972	1143.4	1155.0	1156.7	1195.1	1169.5	1242.7	1245.5	1260.2	1302.0	1339.3	1361.9	1426.2
1973	1444.4	1460.4	1453.2	1493.7	1519.4	1573.4	1650.5	1627.6	1656.4	1629.7	1615.1	1632.2
1974	1586.8	1609.9	1586.0	1593.5	1564.1	1538.8	1481.3	1466.9	1486.3	1489.5	1492.7	1504.5
1975	1505.7	1527.4	1593.1	1544.3	1641.3	1685.8	1735.7	1785.8	1798.0	1846.2	1890.0	1884.0
1976	1925.4	1916.6	1935.0	1925.8	1939.5	1952.1	1965.5	1991.1	1961.4	1984.2	2021.6	2006.0
1977	2034.4	2051.7	2056.8	2054.3	2074.8	2039.9	2079.7	2059				

MAJOR TRADING BANKS - FIXED DEPOSITS  
VICTORIA

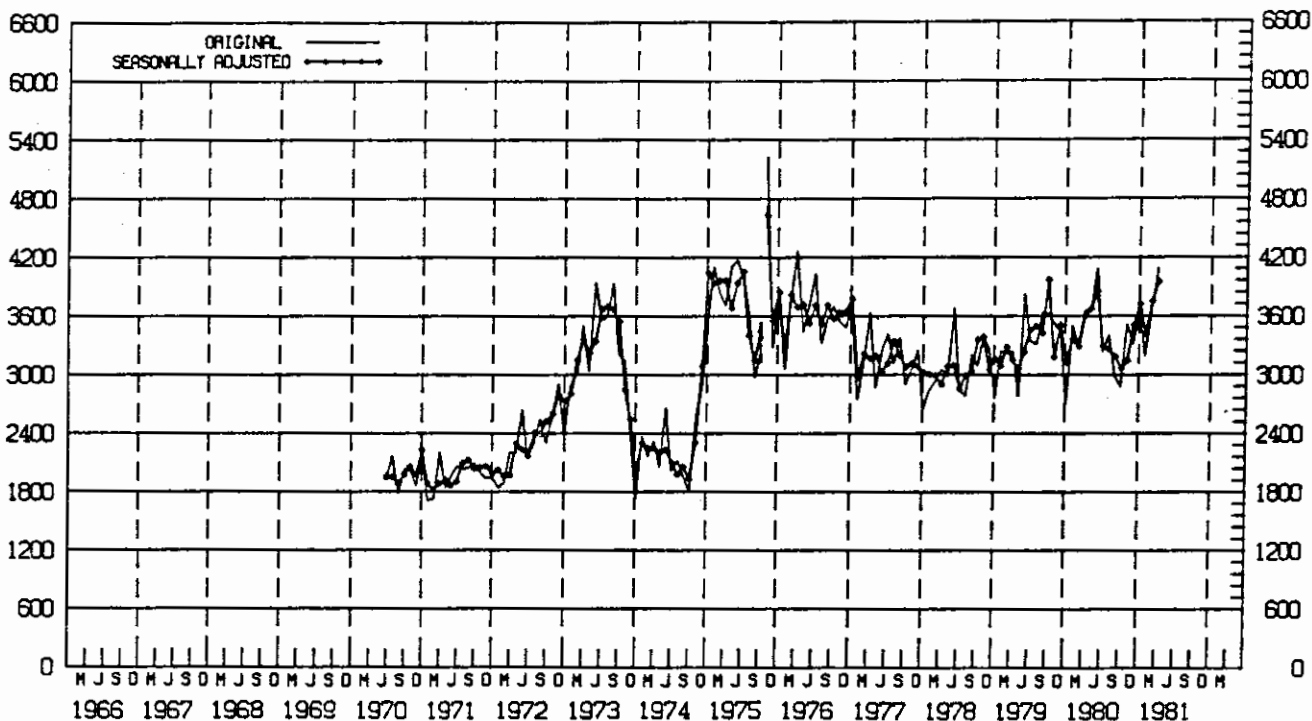
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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	ORIGINAL											
1966	1922.2	1605.7	1600.5	1578.2	1548.3	1535.1	1514.9	1520.9	1544.1	1568.2	1606.3	1639.9
1967	1655.5	1699.3	1725.1	1665.9	1651.1	1623.5	1613.1	1609.3	1611.7	1640.3	1795.9	1745.3
1968	1769.3	1763.7	1771.1	1752.4	1737.4	1742.3	1723.5	1708.0	1720.5	1763.7	1792.1	1841.9
1969	1865.4	1904.8	1920.4	1921.4	1885.8	1884.7	1861.0	1838.8	1841.8	1871.7	1932.1	1965.1
1970	1955.2	1997.7	2019.5	1999.6	1963.4	1935.6	1856.0	1830.4	1849.4	1879.0	1917.2	1984.5
1971	1951.3	1994.2	2004.1	1976.7	1963.0	1967.1	1893.2	1933.6	1995.7	2016.8	2069.5	2165.1
1972	2237.8	2296.0	2286.5	2305.6	2222.5	2228.9	2200.9	2272.6	2344.1	2467.5	2568.2	2707.5
1973	2433.2	2412.7	2471.2	2423.7	2918.5	2959.4	3015.7	3075.4	3155.5	3227.2	3255.9	3435.2
1974	3467.3	3535.2	3521.3	3489.4	3339.2	3162.9	3063.9	2972.4	3010.4	3154.8	3268.8	3377.2
1975	3589.1	3737.2	3889.2	3962.7	3832.6	3852.9	3908.2	4020.4	4084.7	4214.1	4214.3	4335.9
1976	4374.0	4346.3	4461.4	4512.4	4434.5	4379.7	4492.0	4598.9	4720.8	4848.3	4897.2	4981.9
1977	4766.2	5131.8	5271.3	5135.6	4834.6	4759.1	4554.1	4597.3	4634.4	4751.3	4894.0	4886.6
1978	4881.1	4913.6	5039.4	5037.5	4759.7	4687.9	4533.8	4732.1	4761.9	4764.7	4807.8	4941.3
1979	5059.1	5150.9	5289.6	5248.9	4991.2	4874.3	4701.7	4739.0	4973.4	5219.0	5347.4	5592.2
1980	5815.9	5885.0	5923.0	5840.8	5629.8	5729.5	5773.4	5808.6	5874.8	6017.1	6037.0	6155.8
1981	6189.3	5319.1	6633.3									
	SEASONALLY ADJUSTED											
1966	1904.3	1552.6	1534.7	1551.4	1549.1	1534.9	1560.8	1564.3	1600.0	1609.1	1599.9	1615.8
1967	1633.5	1643.6	1653.3	1636.8	1637.1	1633.9	1665.6	1559.4	1672.2	1693.1	1699.8	1718.8
1968	1727.6	1744.5	1711.6	1719.4	1722.8	1751.4	1759.4	1772.7	1786.4	1795.5	1801.9	1810.0
1969	1817.8	1833.1	1859.7	1866.1	1863.8	1892.1	1916.5	1922.9	1912.5	1905.0	1944.5	1911.4
1970	1915.6	1922.5	1960.3	1936.6	1964.1	1944.3	1917.4	1918.8	1905.4	1927.3	1931.5	1926.9
1971	1967.1	1913.7	1915.7	1924.7	1967.5	1994.2	1977.3	2029.3	2057.1	2065.8	2086.5	2107.1
1972	2179.2	2197.1	2166.8	2241.1	2213.1	2281.6	2303.2	2366.6	2435.2	2524.4	2563.2	2657.5
1973	2732.4	2787.3	2765.1	2836.2	2912.8	3035.2	3161.7	3201.0	3276.8	3270.8	3286.6	3381.2
1974	3339.3	3385.7	3379.0	3378.5	3341.0	3251.7	3199.6	3112.0	3123.4	3190.2	3297.4	3328.9
1975	3459.6	3589.0	3718.4	3833.2	3868.7	3967.2	4096.9	4271.5	4220.7	4250.9	4244.6	4247.4

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
CONSTRUCTION OF DWELLINGS AND PURCHASE OF NEW AND ESTABLISHED DWELLINGS  
SAVINGS BANKS - VICTORIA  
NUMBER OF DWELLING UNITS



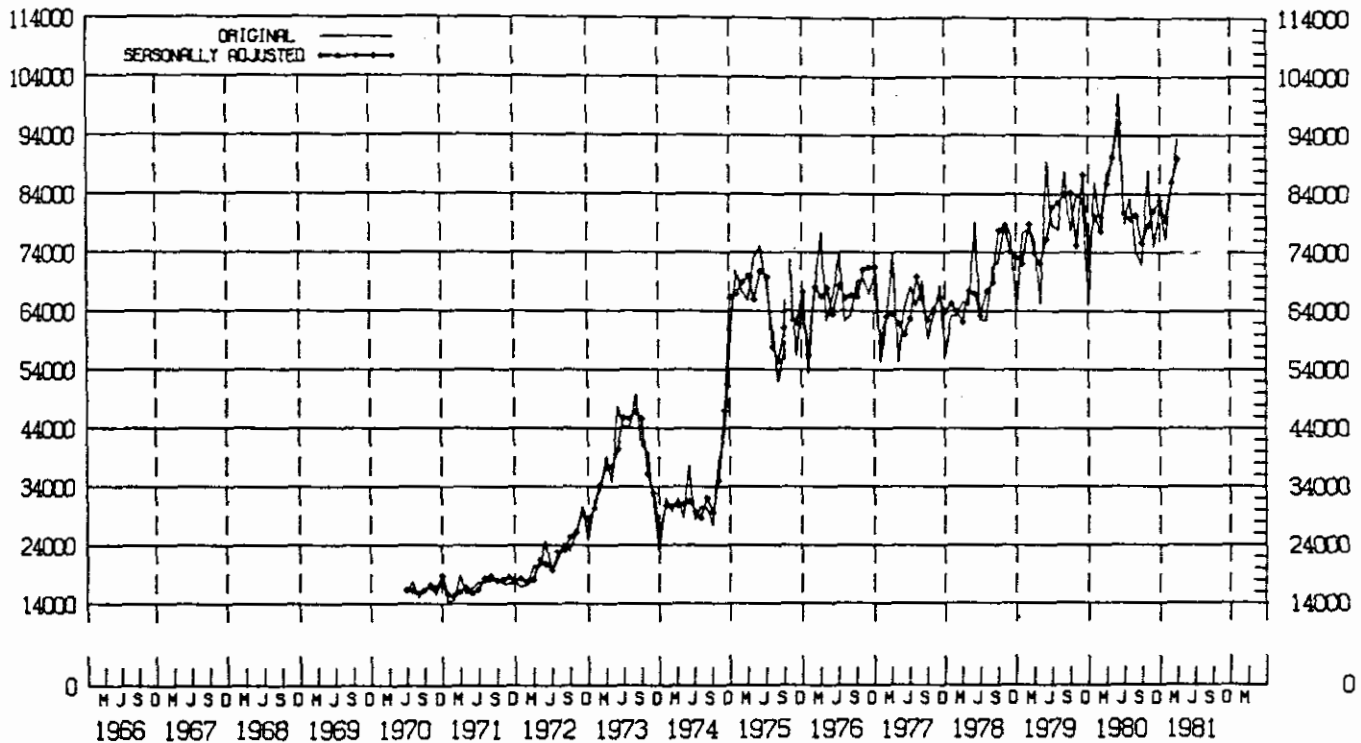
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1971						1922	2160	1781	2030	2819	1957	2168
1971	1708	1724	2291	1837	1955	2060	2035	2045	2893	1994	1938	1955
1972	1842	1894	2208	2198	2639	2151	2309	2540	2303	2973	2911	2381
1973	2884	3016	3498	3035	3941	3555	3598	3926	3201	3126	2418	1725
1974	2361	2160	2312	2056	2649	2812	2119	1962	1796	2528	2371	3579
1975	4894	3834	3706	4109	4169	3993	3614	2969	3219	5127A	3293	3772
1976	3054	3786	4263	3442	3709	4826	3324	3564	3696	3550	3482	3723
1977	2750	3137	3638	2867	3249	3411	3118	3382	2899	3053	3242	2646
1978	2837	2928	3051	2978	3675	2938	2780	3199	3094	3387	3252	2758
1979	3242	3222	3233	2781	3824	3345	3311	3643	3622	3526	3422	2713
1980	3507	3310	3654	3669	4087	3237	3406	2988	2879	3515	3317	3640
1981	3197	3677	4084									

SEASONALLY ADJUSTED												
1970						1360	1954	1882	1981	2061	1374	2227
1971	1885	1816	1883	1923	1866	1983	2090	2126	2035	2049	2058	1984
1972	2023	1990	1969	2296	2231	2183	2404	2388	2524	2598	2790	2729
1973	2805	3149	3363	3226	3346	3664	3780	3660	3543	2842	2541	1974
1974	2297	2243	2245	2196	2229	2399	1976	2059	1929	2304	3040	4034
1975	3933	3959	3963	3601	3937	4054	3403	3143	3445	4629A	3545	3847
1976	3292	3816	3687	3713	3524	3709	3513	3712	3570	3637	3643	3773
1977	2972	3209	3161	3188	3026	3117	3341	3193	3875	3118	3175	3618
1978	3001	2987	2894	3086	3092	2850	2991	3035	3360	3387	3150	3166
1979	3091	3286	3156	3059	3235	3452	3497	3427	3965	3176	3516	3124
1980	3357	3284	3596	3675	3859	3249	3255	3186	3062	3144	3507	3726
1981	3415	3753	3955									

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
TOTAL VALUE OF LOANS APPROVED (A)  
SAVINGS BANKS - VICTORIA  
\$ '000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1971						15987	17802	14885	16547	16747	15591	18342
1972	14335	14657	18907	15832	16715	17562	17759	18027	18318	17599	17350	17730
1973	16860	17314	20456	20397	24737	19538	21850	24420	22977	25943	31479	24833
1974	31543	33165	39134	34819	47814	44265	44196	49748	41326	39773	31343	22631
1975	32001	29831	31993	28644	37539	28286	30621	30275	27448	38422	43246	59033
1976	76442	67379	65836	73061	75085	68360	61147	51923	57269	712038	56376	66290
1977	53354	68170	77344	62374	66661	73861	62313	63266	69099	69388	65354	70868
1978	55337	62238	73613	55320	64292	68135	64355	59053	59369	63031	63240	56494
1979	63058	63237	65556	65093	79090	62459	62403	71488	72287	79009	77178	64254
1980	77306	78072	76823	65273	89523	79533	77997	97694	77747	83596	83257	65035
1981	85894	79041	87614	89866	101118	78951	83175	74161	71881	88041	75036	81694
1981	76292	85115	93294									

## SEASONALLY ADJUSTED

1971						16376	16205	15699	16300	17178	16591	18819
1972	15636	15276	16003	16817	15765	16391	18346	19754	17942	18134	15525	17950
1973	18295	17641	18079	21501	20755	19727	22852	23083	25346	26211	29547	28363
1974	30281	34272	37197	37496	40392	45812	45603	46739	45670	36164	32945	25794
1975	30693	30666	30732	30968	31493	29453	28643	32053	29570	35020	47001	66242
1976	66926	68341	70096	65960	70821	69784	67799	55546	51206	642398	61375	67252
1977	56440	67975	66426	67915	63379	64415	65140	66636	66414	70954	71421	71434
1978	58561	62987	63652	61921	60048	62534	69808	66023	62513	64199	66245	63945
1979	65264	63838	62084	57360	66893	63127	67375	64858	77757	78744	74359	73155
1980	72049	78799	73414	72090	76258	81597	82599	83135	84181	75113	87291	74238
1981	30282	77546	85954	90398	96221	80773	79687	80397	75557	79567	81159	82904
1981	79524	86050	89993									

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED WHEN INTERPRETING MOVEMENTS IN THE ADJUSTED SERIES.

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.

(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

## APPENDIX A

## EXPLANATORY NOTES

The notes on the following pages provide further information on the nature of the series in this publication.

The ABS Victorian and Canberra Office publications listed below are referred to in this publication.

1303.2	Monthly Summary of Statistics - Victoria (monthly)
1308.0	Seasonally Adjusted Indicators, Australia (annual)
5602.0	Savings Banks, Australia (monthly)
5605.0	Banking, Australia (quarterly)
5608.0	Housing Finance for Owner Occupation, Savings Banks and Trading Banks, Australia (monthly)
6302.0	Average Weekly Earnings, Australia (quarterly)
8359.0	Production Bulletin No. 3: Food, Drink and Tobacco, Australia (monthly)
8361.0	Production Bulletin No. 5: Building Materials and Fittings, Australia (monthly)
8503.0	Retail Sales of Goods, Australia (quarterly)
8701.2	Building Approvals - Victoria (monthly)
8703.0	Building Statistics, Australia: Number of New Dwellings (Preliminary Estimates) (quarterly)
8704.2	Building Operations: Number of New Houses and Other Dwellings (Preliminary Estimates) - Victoria (quarterly)
8705.2	Building Operations - Victoria (quarterly)
9301.0	Registrations of New Motor Vehicles, Australia (Preliminary) (monthly)
9301.2	Motor Vehicle Registrations - Victoria (monthly)
9303.0	Motor Vehicle Registrations, Australia (monthly)

## MANUFACTURING PRODUCTION

**Natural gas (p1).** Figures represent the commercial usage of natural gas and include field and plant usage. Source of original data: Victorian Department of Minerals and Energy, Oil and Gas Division. (1303.2)

**Clay bricks (p2).** Production statistics from July 1975 are published excluding data from single establishment manufacturing enterprises employing less than four persons or from establishments predominantly engaged in non-manufacturing activities, but which carry out in a minor way some manufacturing activity. (1303.2, 8361.0)

**Cars and station wagons (p3).** Includes production of vehicles from both Australian and imported components. Excludes vehicles finished by specialist body building works outside motor vehicle manufacturer's own organisation. (1303.2)

**Floor coverings - textile (p4).** Excludes felts. See note for clay bricks. (1303.2)

**Butter (p5).** Includes the butter equivalent of butter oil productions. The sources of figures prior to July 1977 are the Commonwealth Dairy Produce Equalisation Committee Ltd and the Victorian Department of Agriculture. From July 1977, the sources of figures are the Australian Dairy Corporation and the Victorian Department of Agriculture. (1303.2, 8359.0)

**Cheese (p6).** Non-processed. Source of original data: Victorian Department of Agriculture and Australian Dairy Corporation. (1303.2, 8359.0)

**Plastics and synthetic resins (p7).** For moulding, extrusions, etc. and other. (1303.2)

**Footwear (p8).** Boots, shoes, sandals and slippers (excludes thongs and adults' boots with uppers of rubber or synthetic material: includes infants' soft-soled nursery shoes). See note for clay bricks. (1303.2)

APPENDIX A - continued  
EXPLANATORY NOTES - continued

**WAGES AND SALARIES (1303.2, 6302.0)**

**Average weekly earnings per employed male unit (p9).**

This series provides estimates of the average earnings, before tax, of all male civilian employees in Victoria, including the highest paid as well as the lowest. The estimates do not relate to average award rates nor to the earnings of the 'average man'.

The estimates are derived from particulars of employment and wages and salaries recorded on payroll tax returns, from other direct collections, and from estimates of the unrecorded balance. The figures relate to civilians only. In addition to salary and wage payments at award rates they include earnings of employees not covered by awards, overtime earnings, over-award and bonus payments, payments made in advance or retrospectively during the periods specified. Earnings of managerial and executive staff, and of part-time as well as full-time employees, and of juniors as well as adults, are included. Because particulars of wages and salaries paid are not available for males and females separately from the sources used for this series, average weekly earnings have been calculated in terms of male units, i.e., total male employees plus a proportion of female employees, the proportion being derived from the estimated ratio of female to male average earnings. Different ratios of female to male average earnings are used for individual States, based on information obtained from regular surveys of weekly earnings and hours and other sources.

**RETAIL TRADE (1303.2, 8503.0)**

**Quarterly retail sales at current prices -**

Food and drink (p10)

Clothing, hardware, electrical and furniture (p11)

All other goods (excluding motor vehicles, parts, petrol, etc.) (p12)

All items (excluding motor vehicles, parts, petrol, etc.) (p13)

The figures relate to retail sales of goods (as distinct from services, repairs, accommodation, entertainment, meals, etc.) to final consumers for personal and household consumption by retail and selected service establishments. Hotels are included in respect of goods sold. The figures up to September quarter 1972 are on a basis comparable with the 1961-62 Census of Retail Establishments. From December quarter 1972 to June quarter 1975 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From September quarter 1975 the figures are on a basis comparable with the 1973-74 Census of Retail Establishments.

**MOTOR VEHICLE REGISTRATIONS (1303.2, 9301.0, 9301.2, 9303.0)**

**Registrations of new motor vehicles -**

Melbourne Statistical Division -

Cars and station wagons (p14)

Other vehicles (p15)

Total (p16)

Victoria -

Cars and station wagons (p17)

Other vehicles (p18)

Total (p19)

Registrations processed by the Motor Registration Branch during the period. Vehicles with diplomatic and consular plates and government-owned new vehicles other than those belonging to the defence services, are included but recreation vehicles, motor cycles, tractors, trailers, caravans, plant and equipment are excluded.

**BUILDING (1303.2, 8701.2, 8703.0, 8704.2, 8705.2)**

**Building approved -**

Number of -

New houses approved (p20)

New dwellings approved (p21)

Value of total building approved (p22)

APPENDIX A - continued  
EXPLANATORY NOTES - continued

## BUILDING - continued

## Building commenced -

## Number of -

New houses commenced (p23)

New dwellings commenced (p24)

## Building completed -

## Number of -

New houses completed (p25)

New dwellings completed (p26)

Value of total building completed (p27)

## Building under construction -

## Number of -

New houses under construction (p28)

New dwellings under construction (p29)

Value of total building under construction (p30)

## Value of work done on total building (p31)

Building statistics relate to building structures and exclude railways, roads, bridges, earthworks, and other non-building construction. Renovations, repairs, and maintenance are excluded. A 'Dwelling' is classified as either a 'House' or an 'Other dwelling'.

Data for structures other than dwellings is classified as 'Other building'.

1. Statistics of building approvals are compiled from:

- . Permits issued by local government authorities covering those areas subject to building control by these authorities.
- . Contracts let or day labour work approved by Commonwealth Government, Victorian Government, semi-government, and local government authorities.

Dwellings approved:

- . Up to and including June 1973 the statistics for new dwellings include alterations and additions of \$10,000 and over.
- . From July 1973 the statistics for new dwellings exclude alterations and additions of \$10,000 and over.
- . From July 1975 the statistics include new dwellings valued at less than \$2,000. Prior to July 1975 new dwellings valued at less than \$2,000 were excluded.

2. Statistics of building activity are compiled from returns obtained from the following sectors which were fully enumerated up to and including September 1978:

- . contract builders (including speculative builders and those engaged in alterations and additions)
- . own account constructors
- . government and semi-government authorities
- . owner-builders

With the exception of owner-builders all sectors were fully enumerated until June 1980. From the December quarter 1978 to June quarter 1980 inclusive, a 50 per cent sample of owner-builders was conducted.

From the September quarter 1980 the quarterly Building Operations 'Census' has been replaced by a quarterly sample survey, the Building Activity Survey, which will provide information on house building activity only at the Victorian level. These estimates of house building activity are not available for smaller geographical regions of Victoria, for example, Melbourne Statistical Division. Estimates of house building activity derived from this survey will be subject to sampling variability. Thus, the September 1980 houses and dwellings commenced figures (preliminary estimates) have been rounded to the nearest hundred. The collection methodology for building jobs other than houses is unchanged, i.e. fully enumerative.

Value of total building approved, commenced, completed, or under construction represents the estimated value of the whole job when completed, excluding the value of the land on which the job is carried out. Both 'dwellings' and 'other building' are included in these series.

- . From March quarter 1972 new 'other building' of less than \$2,000 is excluded.

APPENDIX A - continued  
EXPLANATORY NOTES - continued

**BUILDING - continued**

. From September quarter 1975 the statistics exclude new 'other building' of less than \$10,000. Alterations and additions of \$10,000 and over to 'other building' have always been included.

Dwellings commenced, completed, under construction:

. From March quarter 1972 to June quarter 1975, new dwellings of less than \$2,000 were excluded. From September quarter 1975 the statistics include new dwellings valued at less than \$2,000.

. Up to and including June quarter 1973 new dwelling jobs include alterations and additions of \$10,000 and over. From September quarter 1973 alterations and additions to dwellings of \$10,000 and over are excluded from these series although they continue to be included in the value of total building series.

Value of work done on total building represents the estimated value of the building work actually carried out during the period. 'Other building' is included in this series. See note for 'Value of total building etc.' above.

3. The dwellings commenced, completed and under construction series and the value of work done on total building series have not been re-analysed since Seasonally Adjusted Indicators - Victoria, 1979 (1306.2) was released, due to delays in obtaining data from the new Building Activity Survey.

**BANKING**

**Savings banks -**

Depositors' balances (p32). Includes interest added during the month. From June 1975 the figures reflect a change in accounting procedures by one bank. (1303.2, 5602.0, 5605.0)

**Major trading banks -**

Current deposits (p33)

Fixed deposits (p34)

Total deposits (p35)

Major trading banks comprise the Commonwealth Trading Bank of Australia, Australia and New Zealand Banking Group Ltd, The Bank of Adelaide, Bank of New South Wales, The Commercial Bank of Australia Ltd, The Commercial Banking Company of Sydney Ltd, and The National Bank of Australasia Ltd. Source of original data: Commonwealth of Australia Gazette. (1303.2)

**HOUSING FINANCE (1303.2, 5608.0)**

**Housing finance for owner occupation, loans approved to individuals for construction or purchase of dwellings -**

Construction of dwellings and purchase of new and established dwellings -

Number of dwellings for which loans have been approved by savings banks (p36)

Value of loans approved by savings banks (p37)

These figures relate to secured finance approved by banks to individuals for the construction or purchase of dwellings, where those individuals will occupy the dwellings. A loan approved is a firm commitment to advance funds. Loans approved for amounts additional to loans previously approved are included.

Number of dwelling units refers to the number of houses and other dwellings for which loans have been approved. If amounts additional to the original loan are approved to complete purchase or construction, the number of dwellings involved is not changed. Purchase of newly erected dwellings represents the purchases of dwellings which have been completed within a period of twelve months preceding the date of purchase where the purchaser is, or will be, the first occupant.

Figures from October 1975 are not strictly comparable with those for earlier months because as from that month: (a) approvals of alterations and additions estimated to cost \$10,000 or more (previously included) are excluded, (b) purchase of dwellings not previously occupied was replaced with more precisely defined construction of dwellings and purchase of newly erected dwellings, (c) approvals exclude any lending for commercial purposes (previously a small component was included).

## APPENDIX B

## METHODS OF ADJUSTMENT EMPLOYED

The seasonally adjusted series given in this publication and in other publications of the ABS have been calculated by means of computer programs of the Census Method 11, X-11 Variant (for monthly series) and the X-11Q Variant (for quarterly series). As described in paragraphs 16 to 18 of 'Seasonal Adjustment Methods' in Seasonally Adjusted Indicators, Australia, 1980 (1308.0) the manner in which these programs have been employed for each series depends on the selection made from among alternative optional procedures allowed for in the programs. The selection of specific program options for each individual series has been guided by initial analyses using standard options, as well as evidence from special analyses.

2. Moving averages for trend in monthly series are options specified in accordance with moving averages selected by the X-11 program in analyses made beforehand. Moving averages for monthly seasonal factors are standard (3x5-term) except where alternative options are specified. The X-11Q program has only standard moving averages for trend (5-term) and seasonal factors (3x5-term).

3. Users should particularly note whether use has been made of trading-day adjustment and of prior adjustment for the effects of movable holidays, namely Easter and Australia Day, since their application can materially affect the results obtained and the interpretation to be placed on them. Adjustments for trading-day effects of movable Easter and Australia Day holidays have been applied to series where special analyses made beforehand have shown that variations, arising from these effects, in the number of trading or working days in the month have significantly affected the series. For some of the series subject to trading-day adjustment, however, the results of analyses have not warranted further adjustment for Easter or Australia Day effects.

4. In seasonally adjusting the series by means of the X-11 and X-11Q programs certain program options not referred to in the following table were used. Details of these options are:

- (a) Multiplicative adjustment has been used for all series.
- (b) Trading-day adjustments, where applied to monthly series have been based upon prior daily weights derived from analyses made beforehand and applied to the entire series. Where trading-day adjustments have been applied, allowance for the length of month or quarter has been combined with trading-day factors.
- (c) Limits for the graduated treatment of extremes of 1.5 and 2.5 standard errors have been used for all series.

TABLE 1. VICTORIAN SERIES - METHODS OF ADJUSTMENT EMPLOYED

Series description	Number of terms used in moving		Adjustment made for -				
	averages for -						
	Page	Seasonal	Trading				
	No.	Trend	factors	variation	Easter	Australia	Other
						Day	Influences
<b>MANUFACTURING PRODUCTION -</b>							
Natural gas	1	9	3x5	yes	no	no	no
Clay bricks	2	13	3x9	yes	yes	no	(a)yes
Cars and station wagons	3	13	3x9	yes	yes	no	(b)yes
Floor coverings - textile (excluding felts)	4	13	3x9	yes	yes	yes	no
Butter	5	13	3x5	yes	no	no	(c)yes
Cheese	6	13	3x5	yes	no	no	no
Plastics and synthetic resins	7	13	3x9	yes	yes	no	no
Footwear	8	13	3x9	yes	yes	no	no

For footnotes see end of table.

APPENDIX B - continued  
TABLE 1. VICTORIAN SERIES - METHODS OF ADJUSTMENT EMPLOYED - continued

Series description	Page No.	Trend	Number of terms used in moving averages for - Seasonal factors	Adjustment made for -			
				Trading day variation	Australia		Other influences
					Easter	Day	
<b>WAGES AND SALARIES -</b>							
Average weekly earnings per employed male unit (d)	9	13	3x5	yes	no	no	(e)yes
<b>RETAIL TRADE -</b>							
Quarterly retail sales at current prices -							
Food and drink	10	5	3x5	yes	yes	no	(f)yes
Clothing, hardware, electrical and furniture	11	5	3x5	yes	yes	no	(f)yes
All other goods (excluding motor vehicles, parts, petrol, etc.)	12	5	3x5	yes	no	no	(f)yes
All items (excluding motor vehicles, parts, petrol, etc.)	13	5	3x5	yes	no	no	(f)yes
<b>MOTOR VEHICLE REGISTRATIONS -</b>							
Registrations of new motor vehicles -							
Melbourne Statistical Division -							
Cars and station wagons	14	13	3x9	yes	yes	no	no
Other vehicles	15	13	3x9	yes	yes	no	no
Total (g)	16	..	..	..	..	..	..
Victoria -							
Cars and station wagons	17	13	3x9	yes	yes	no	no
Other vehicles	18	13	3x9	yes	yes	no	no
Total (g)	19	..	..	..	..	..	..
<b>BUILDING -</b>							
Building approved -							
Number of -							
New houses approved	20	13	3x9	yes	yes	no	no
New dwellings approved	21	13	3x9	yes	yes	no	no
Value of total building approved	22	5	3x5	no	no	no	no
Building commenced -							
Number of -							
New houses commenced	23	5	3x5	no	yes	no	(h)yes
New dwellings commenced (i)	24	5	3x5	no	no	no	no
Building completed -							
Number of -							
New houses completed	25	5	3x5	no	no	no	no
New dwellings completed (i)	26	5	3x5	no	no	no	no
Value of total building completed	27	5	3x5	no	no	no	no
Building under construction -							
Number of -							
New houses under construction	28	5	3x5	no	yes	no	no
New dwellings under construction (i)	29	5	3x5	no	no	no	no
Value of total building under construction	30	5	3x5	no	no	no	no
Value of work done on total building (i)	31	5	3x5	no	no	no	no

## APPENDIX B - continued

TABLE 1. VICTORIAN SERIES - METHODS OF ADJUSTMENT EMPLOYED - continued

Series description	Number of terms used in moving averages for -		Adjustment made for -				
	Page No.	Trend	Seasonal factors	Trading			
				day	Easter	Australia Day	Other influences
<b>BANKING -</b>							
Savings banks -							
Depositors' balances	32	9	3x5	no	no	no	(j)yes
Major trading banks -							
Current deposits	33	13	3x9	no	no	no	(k)yes
Fixed deposits	34	9	3x5	no	no	no	(l)yes
Total deposits (m)	35	..	..	..	..	..	..
<b>HOUSING FINANCE -</b>							
Housing finance for owner occupation, loans approved to individuals for construction or purchase of dwellings -							
Construction of dwellings and purchase of new and established dwellings -							
Number of dwellings for which loans have been approved by savings banks	36	13	3x9	yes	yes	no	no
Value of loans approved by savings banks	37	13	3x9	yes	yes	no	no

- (a) An abrupt change in seasonality from January 1975, affecting January, February, April, May, June and November, due to the extension of statutory leave.
- (b) An abrupt change in seasonality from January 1976 affecting January and November.
- (c) Two abrupt changes in seasonality: from April 1974 affecting April, November and December; and, from May 1976 affecting May, June, July and October.
- (d) This quarterly series has been seasonally adjusted by applying the standard X-11 program to a monthly series. The quarterly series is derived by applying a simple average to the three months of a particular quarter.
- (e) The effects of major awards and determinations of Australian and State industrial authorities and the varying number of pay-days in different quarters. (The seasonal adjustment factors were derived from a series from which the influence of major changes in awards and determinations and estimates of the effects of pay-day variations had first been removed. While the seasonally adjusted series retains the effect of major awards, etc., the pay-day effect is excluded).
- (f) An abrupt change in level from December quarter 1972 due to the introduction of a series based on the 1968-69 Census of Retail Establishments and an abrupt change in level from September quarter 1975 due to the introduction of a series based on the 1973-74 Census of Retail Establishments.
- (g) Series aggregatively adjusted as the sum of cars and station wagons and other vehicles.
- (h) An abrupt change in seasonality from June quarter 1973 associated with a trend break.
- (i) This series has not been re-analysed since Seasonally Adjusted Indicators - Victoria, 1979 (1306.2). (For further details see Appendix A).
- (j) An abrupt change in the level of the series from June 1975 due to a change in accounting procedures by one bank.
- (k) Variation due to the general business practice of monthly settlement of accounts at or near the end of a month, the perceptible effects of which vary according to the proximity of banks' weekly balancing days (Wednesday) to the end of the month.
- (l) An abrupt change in seasonal pattern from March 1971.
- (m) Series aggregatively adjusted as the sum of current deposits and fixed deposits.

## APPENDIX C

## MEASURES OF VARIABILITY

Table 2 shows selected measures of variability for all the seasonally adjusted series. Details are given of the original and seasonally adjusted series, and of component series as computed in the course of seasonal adjustment, i.e. the trend, seasonal and irregular components. A corresponding measure of the variability of trading-day adjustment factors, where applicable, is also shown as well as a measure of the months for cyclical dominance (M.C.D.).

The measures of variability relating to the original, seasonally adjusted and trend series exclude the effects of abrupt changes in level for which adjustments have been made, while those for the seasonal factors do not include any prior adjustments such as those for Easter, Australia Day and abrupt changes in the seasonal pattern. Exclusion of the latter means the measure for the seasonal factors reflects only the seasonal behaviour after the last abrupt change in seasonal pattern.

TABLE 2. VICTORIAN SERIES - MEASURES OF VARIABILITY

Series description	Average percentage change without regard to sign:							
	From month to month* in the -						From year	
	Season-		Trading		to year M.		in the C.	
	Page	Original	adjusted	Trend	Irregular	Seasonal	adjust-	seasonal D.
	No.	series	series	series	series	factors	ment	factors #
<b>MANUFACTURING PRODUCTION -</b>								
Natural gas	1	12.54	6.21	3.84	4.18	10.13	3.84	0.33 2
Clay bricks (a)	2	14.34	5.04	1.21	4.79	18.19	5.22	0.26 5
Cars and station wagons (a)	3	30.51	10.47	1.75	9.86	32.24	5.85	0.57 6
Floor coverings - textile								
(excluding felts) (a)	4	22.44	6.80	1.87	6.24	20.36	5.27	0.31 4
Butter	5	38.86	8.42	2.77	7.40	53.79	4.79	0.92 5
Cheese	6	31.68	8.01	2.50	7.03	28.44	3.97	1.16 5
Plastics and synthetic								
resins (a)	7	12.01	9.82	2.42	8.92	7.23	4.16	0.47 4
Footwear (a)	8	18.70	5.13	0.97	4.86	16.17	7.66	0.30 5
<b>WAGES AND SALARIES -</b>								
Average weekly earnings per								
employed male unit (b) (c) (d)	9	6.13	2.83	2.80	0.94	4.41	1.31	0.12 1
<b>RETAIL TRADE -</b>								
Quarterly retail sales at								
current prices -								
Food and drink (a) (c)	10	5.01	2.38	2.25	0.58	4.46	1.02	0.08 1
Clothing, hardware,								
electrical and furniture								
(a) (c)	11	18.05	2.25	2.08	0.81	17.50	1.06	0.17 1
All other goods (excluding								
motor vehicles, parts,								
petrol, etc.) (c)	12	13.45	2.46	2.30	0.72	11.80	1.04	0.15 1
All items (excluding motor								
vehicles, parts, petrol,								
etc.) (c)	13	10.25	2.26	2.16	0.48	9.32	1.03	0.09 1

For footnotes see end of table.

APPENDIX C - continued  
TABLE 2. VICTORIAN SERIES - MEASURES OF VARIABILITY - continued

Series description	Average percentage change without regard to sign:							
	From month to month* in the -							From year
	Season-ally			Trading day			to year M.	
	Page No.	Original series	adjusted series	Trend series	Irregular series	Seasonal factors	adjust-ment	seasonal D. factors #
<b>MOTOR VEHICLE REGISTRATIONS -</b>								
Registrations of new motor vehicles -								
Melbourne Statistical Division -								
Cars and station wagons (a)	14	12.70	6.47	1.45	6.04	8.62	6.85	0.32 6
Other vehicles (a)	15	13.81	7.10	1.54	6.63	10.50	6.63	0.45 6
Total (a) (e)	16	12.66	6.14	1.37	5.78	8.85	6.82	0.32 6
Victoria -								
Cars and station wagons (a)	17	12.52	6.62	1.61	6.25	8.73	7.01	0.43 5
Other vehicles (a)	18	13.69	7.18	1.69	6.67	9.77	6.99	0.38 5
Total (a) (e)	19	12.43	6.21	1.41	5.93	8.85	7.00	0.40 5
<b>BUILDING -</b>								
Building approved -								
Number of -								
New houses approved (a)	20	16.22	7.18	1.68	6.86	13.27	7.08	0.41 5
New dwellings approved (a)	21	16.76	8.12	1.85	7.74	12.64	7.72	0.45 5
Value of total building approved	22	12.20	8.95	5.84	5.05	8.47	..	0.55 1
Building commenced -								
Number of -								
New houses commenced (a)	23	10.15	6.50	3.69	4.64	8.06	..	0.28 2
New dwellings commenced (f)	24	8.46	6.54	4.14	5.07	4.89	..	0.50 2
Building completed -								
Number of -								
New houses completed	25	12.84	3.81	2.20	3.03	11.52	..	0.27 2
New dwellings completed (f)	26	13.04	4.26	2.72	2.66	12.21	..	0.37 1
Value of total building completed	27	15.19	8.45	3.59	6.65	15.06	..	0.68 2
Building under construction -								
Number of -								
New houses under construction (a)	28	5.57	3.51	3.37	1.05	3.80	..	0.11 1
New dwellings under construction (f)	29	4.95	3.56	3.42	1.06	3.15	..	0.12 1
Value of total building under construction	30	5.02	3.67	2.90	1.46	3.14	..	0.17 1
Value of work done on total building (f)	31	7.66	4.25	3.02	2.57	6.12	..	0.29 1
<b>BANKING -</b>								
Savings banks -								
Depositors' balances	32	0.99	0.88	0.87	0.23	0.47	..	0.04 1
Major trading banks -								
Current deposits	33	2.42	1.29	0.72	1.05	1.87	1.00	0.09 2
Fixed deposits	34	2.44	1.81	1.39	1.00	1.81	..	0.26 1
Total deposits	35	2.00	1.25	0.93	0.71	1.54	0.54	0.13 1

## APPENDIX C - continued

TABLE 2. VICTORIAN SERIES - MEASURES OF VARIABILITY - continued

Series description	Average percentage change without regard to sign:								
	From month to month* in the -						From year		
	Season-		Trading		to year M.		in the C.		
	Page	Original	adjusted	Trend	Irregular	Seasonal	adjust-	seasonal	D.
	No.	series	series	series	series	factors	ment	factors	#
<b>HOUSING FINANCE -</b>									
Housing finance for owner									
occupation, loans approved to									
individuals for construction									
or purchase of dwellings -									
Construction of dwellings and									
purchase of new and									
established dwellings -									
Number of dwellings for which									
loans have been approved									
by savings banks (a)	36	12.21	6.52	2.36	5.91	5.76	9.17	0.27	4
Value of loans approved by									
savings banks (a)	37	12.36	6.68	2.86	5.79	6.08	9.17	0.31	3

\* From quarter to quarter in quarterly series.

# Q.C.D. for quarterly series.

- (a) In seasonally adjusting this series, allowance has been made by prior adjustment for Easter and/or Australia Day effects.
- (b) In seasonally adjusting this series, allowance has been made by prior adjustment for a special type of trading-day variation other than a simple weekly pattern. (For further details see Appendix B).
- (c) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of trend discontinuities. (For further details see Appendix B).
- (d) The measures of variability are calculated not for the monthly series but for the quarterly series that is published.
- (e) Series adjusted aggregatively. Measures for trend and irregular components relate to estimates derived by direct analysis of the aggregatively adjusted series. Measures for seasonal and trading-day adjustment factors relate to equivalent direct adjustments implicit in the relationship between the original and the aggregatively adjusted series.
- (f) This series has not been re-analysed since Seasonally Adjusted Indicators - Victoria, 1979 (1306.2). (For further details see Appendix A).

# Victorian Statistical Publications

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## GENERAL

Victorian Statistical Publications (irregular) 1101.2  
Victorian Year Book 1301.2  
Victorian Pocket Year Book 1302.2  
Monthly Summary of Statistics 1303.2  
Handbook of Local Government Area Statistics  
(irregular) 1304.2  
Victoria at a Glance 1305.2  
Seasonally Adjusted Indicators — Victoria 1306.2

## CENSUS OF POPULATION AND HOUSING

### INTERCENSAL ESTIMATES OF POPULATION, POPULATION PROJECTIONS, VITAL STATISTICS

Demography: Summary Statement 3101.2  
Demography 3102.2  
Estimated Population in Local Government Areas  
3201.2  
Population in Local Government Areas (Revised  
Intercensal Estimates) 3202.2  
Births, Death, and Marriages (Preliminary) 3301.2  
Causes of Death 3302.2  
Perinatal Deaths 3303.2

## EDUCATION

Primary and Secondary Education (Preliminary)  
4201.2  
Primary and Secondary Education 4202.2

## PUBLIC AND PRIVATE FINANCE

Local Government Finance 5501.2  
Local Government Finance (Preliminary) 5502.2  
Mortgages of Real Estate Lodged for Registration  
(quarterly) 5601.2

## LABOUR FORCE

Labour Force (monthly) 6201.2

## AGRICULTURE

Land Utilisation and Crops 7105.2  
Livestock 7202.2  
Fruit and Vegetables 7301.2  
Apples and Pears in Cool Stores  
(monthly: March-November) 7302.2  
Nursery and Cut Flower Statistics (irregular) 7303.2  
Potatoes 7306.2  
Value of Agricultural Commodities Produced 7501.2

## MANUFACTURING, MINING, INTERNAL TRADE, BUILDING AND CONSTRUCTION

Manufacturing Establishments: Details of Operations  
8201.2  
Manufacturing Establishments: Selected Items of Data  
Classified by Industry and Employment Size 8202.2  
Manufacturing Establishments: Small Area Statistics  
8203.2  
Manufacturing Establishments: Usage of Electricity  
and Fuels 8204.2  
Manufacturing Establishments: Summary of Operations  
by Industry Class 8205.2  
Mineral Production 8401.2  
Tourist Accommodation (quarterly) 8601.2  
Census of Tourist Accommodation Establishments  
(irregular) 8602.2  
Building Approvals (monthly) 8701.2  
Building Approvals by Local Government Areas  
(quarterly and annual) 8702.2 and 8703.2  
Building Operations (quarterly) 8705.2  
Building Operations: Advance Statement (quarterly)  
8706.2  
Housing Survey—Victoria, November 1979  
(irregular) 8707.2

## TRANSPORT

Motor Vehicle Registrations (monthly) 9301.2  
Motor Vehicle Census (irregular) 9302.2  
Road Traffic Accidents Involving Casualties  
(quarterly and annual) 9401.2 and 9402.2

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